

Converting Colors

YUV(242.0890, -4.9739, 8.6919)

Have a look what the booklet for
YUV(242.0890, -4.9739, 8.6919)
contains.

YUV(242.0890, -4.9739, 8.6919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(242.0890, -4.9739,
8.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEFE8
RGB	252, 239, 232
RGB Percent	99%, 94%, 91%
CMY	0.0118, 0.0627, 0.0902
CMYK	0.00, 0.05, 0.08, 0.01
HSL	21°, 77%, 95%
HSV	21°, 8%, 99%
XYZ	85.5769, 88.2546, 88.8684
YIQ	242.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

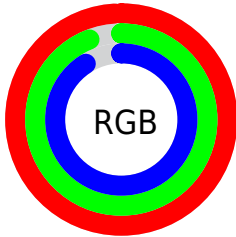
Format	Color
R _Y B	252, 243, 232
Decimal	16576488
CIE Lab	95.27, 3.21, 4.93
CIE LCh	95, 5.884, 56.987
Yxy	88.2546, 0.3258, 0.3360
Android (android.graphics.Color)	4294766568 (0xFFFCFE8)
YUV	242.0890, -4.9739, 8.6919
Hunter-Lab	93.9439, -1.7999, 9.6740

Details

The YUV color $242.0890, -4.9739, 8.6919$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.9110, 4.9739, -8.6919$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.7900, -4.8265, 8.0772$ is the 20% darker color. If you saturate the color by 10%, you get $229.8470, -11.2636, 19.4282$, and if you desaturate by 10%, it is $254.1030, 0.4422, -1.8443$.

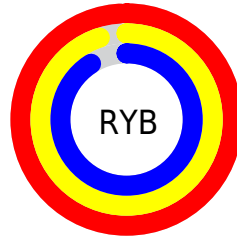
Distribution



Red (99%)

Green (94%)

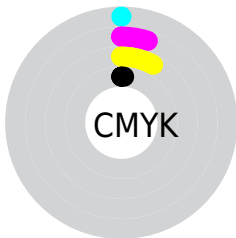
Blue (91%)



Red (99%)

Yellow (95%)

Blue (91%)

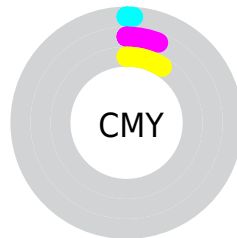


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0890, -4.9739, 8.6919 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 242.0890, -4.9739, 8.6919 by changing the saturation by 10% instead.

 242.0890, -4.9739,
8.6919

 242.0890, -4.9739,
8.6919


255.0000, 0.0000,
0.0000


 213.7900, -4.8265,
8.0772

 185.7900, -4.8265,
8.0772

 158.9040, -4.3897,
7.9772

 132.9040, -4.3897,
7.9772

 107.6050, -4.2423,
7.3624

 83.3060, -4.0949,
6.7476

 60.4200, -3.6581,

6.6477

■ 38.1210, -3.5107,
6.0329

■ 17.3770, -5.1159,
7.5624

■ 242.0890, -4.9739,
8.6919

■ 242.0890, -4.9739,
8.6919

■ 229.8470,
-11.2636, 19.4282

■ 254.1030, 0.4422,
-1.8443

■ 217.0180,
-17.2639, 30.6792

■ 204.6620,
-23.9904, 41.5154

■ 191.8330,
-29.9907, 52.7665

■ 179.5910,
-36.2804, 63.5027

■ 167.3490,
-42.5701, 74.2389

■ 154.5200,
-48.5704, 85.4900

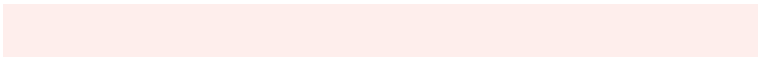
■ 142.1640,
-55.2969, 96.3262

■ 129.9220,
-61.5865, 107.0624

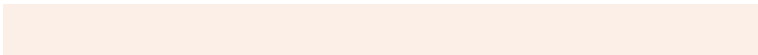
Harmonies

Analogous

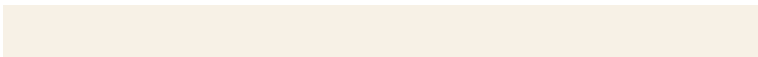
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.5560, -3.2321, 10.0364



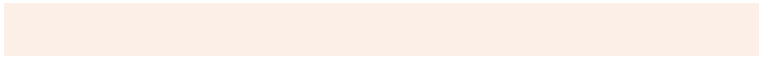
242.0890, -4.9739, 8.6919



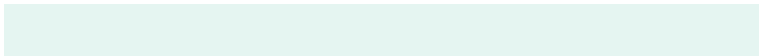
241.5400, -5.6892, 4.7884

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0890, -4.9739, 8.6919



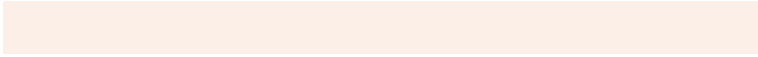
239.7600, 0.6113, -9.4365



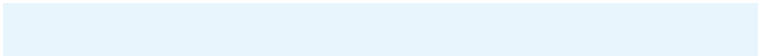
241.8520, 4.5100, 0.1298

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



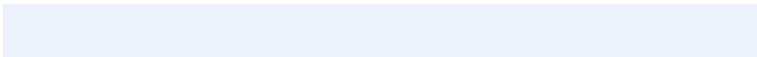
242.0890, -4.9739, 8.6919



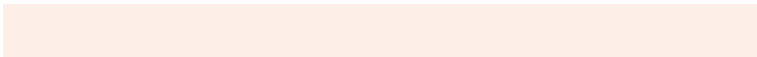
241.9110, 4.9739, -8.6919

Split Complementary

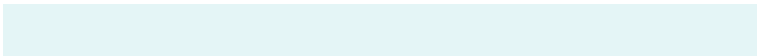
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.1610, 5.8366, -5.4032



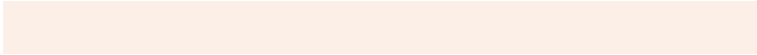
242.0890, -4.9739, 8.6919



240.0310, 2.9427, -10.5512

Square

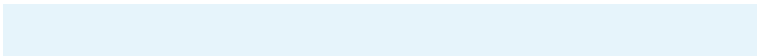
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.0890, -4.9739, 8.6919



239.9840, -2.4571, -5.2480



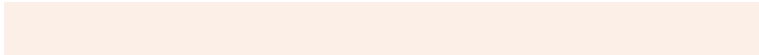
240.6120, 5.1213, -9.3067



242.7170, 2.6045, 4.6332

Rectangle

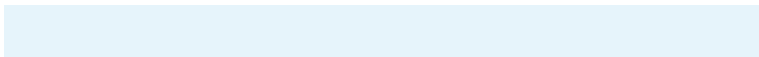
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.0890, -4.9739, 8.6919



240.9310, -5.3890, 1.8145



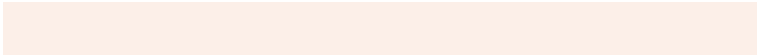
240.6120, 5.1213, -9.3067



241.9550, 4.9522, -1.7145

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



242.0890, -4.9739, 8.6919



252.6690, -1.3158, 2.0443



239.4620, 2.7302, 10.9958



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



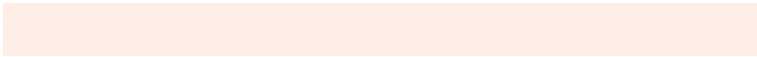
128.0000, 0.0000, 0.0000

Same Dimension

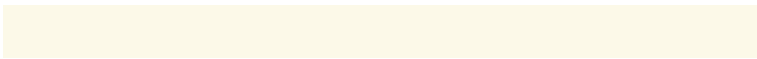
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.0890, -4.9739, 8.6919



242.1710, -6.0003, 11.2510



247.9590, -7.8678, 3.5440



118.8220, -3.3632, 5.4181



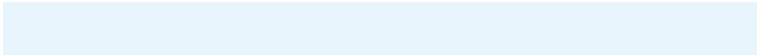
95.2530, -46.9597, 82.2161



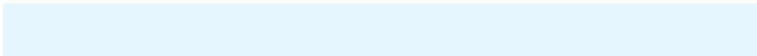
30.5660, -15.0690, 26.6906

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



241.9110, 4.9739, -8.6919



242.2420, 6.2897, -10.7362



236.0410, 7.8678, -3.5440



118.7650, 3.0739, -5.9329



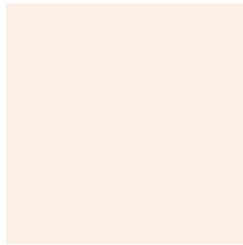
93.7470, 46.9597, -82.2161



30.4340, 15.0690, -26.6906

Previews

White Background



This preview shows how the YUV color 242.0890, -4.9739, 8.6919 looks on a white background.

Color Contrast Check

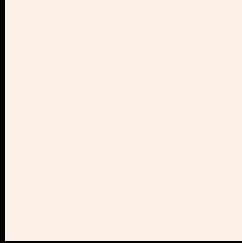
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 242.0890, -4.9739, 8.6919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

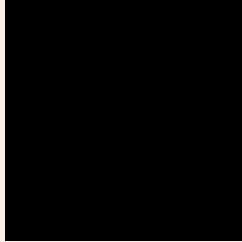
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

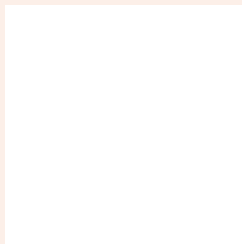
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0890, -4.9739, 8.6919

Background



This preview shows how black text looks on a background with the YUV color 242.0890, -4.9739, 8.6919.



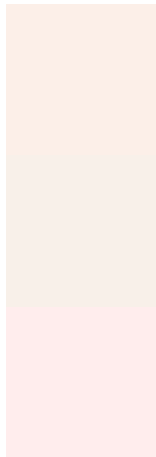
This preview shows how white text looks on a background with the YUV color 242.0890, -4.9739,

8.6919.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.0890, -4.9739, 8.6919

Protanopia

241.5940, -4.2368, 5.6181

Deuteranopia

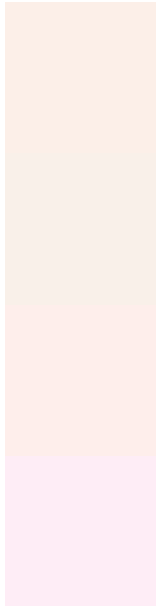
242.3820, -2.6533, 11.0660



Tritanopia

243.7330, 5.0616, 9.8812

Trichromacy



Original Color

242.0890, -4.9739, 8.6919

Protanomaly

241.8930, -4.3842, 6.2328

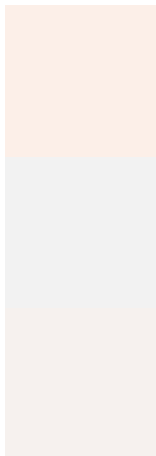
Deuteranomaly

242.4420, -3.6689, 10.1364

Tritanomaly

243.1090, 1.4253, 9.5514

Monochromacy



Original Color

242.0890, -4.9739, 8.6919

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0890, -4.9739, 8.6919 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 239, 232)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 239, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 232) }
```

Border

The CSS property to change the border of an element to YUV 242.0890, -4.9739, 8.6919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 239, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 239, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 239, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 232);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 242.0890, -4.9739, 8.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
239, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor