

Converting Colors

YUV(242.0720, -2.5005, 8.7069)

Have a look what the booklet for
YUV(242.0720, -2.5005, 8.7069)
contains.

YUV(242.0720, -2.5005, 8.7069)	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(242.0720, -2.5005,
8.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEEED
RGB	252, 238, 237
RGB Percent	99%, 93%, 93%
CMY	0.0118, 0.0667, 0.0706
CMYK	0.00, 0.06, 0.06, 0.01
HSL	4°, 71%, 96%
HSV	4°, 6%, 99%
XYZ	86.0055, 87.9589, 92.5656
YIQ	242.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

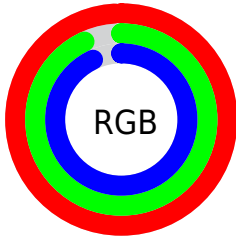
Format	Color
R _Y B	252, 238, 237
Decimal	16576237
CIE Lab	95.14, 4.55, 2.16
CIE LCh	95, 5.035, 25.441
Yxy	87.9589, 0.3227, 0.3300
Android (android.graphics.Color)	4294766317 (0xFFFC EEED)
YUV	242.0720, -2.5005, 8.7069
Hunter-Lab	93.7864, -0.4354, 7.1323

Details

The YUV color $242.0720, -2.5005, 8.7069$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.9280, 2.5005, -8.7069$, 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 $185.7730, -2.3531, 8.0921$ is the 20% darker color. If you saturate the color by 10%, you get $225.1340, -6.4751, 23.5615$, and if you desaturate by 10%, it is $254.1030, 0.4422, -1.8443$.

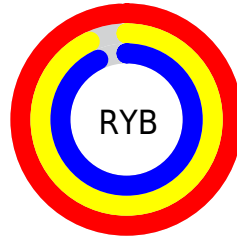
Distribution



Red (99%)

Green (93%)

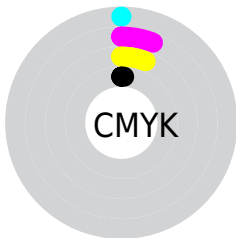
Blue (93%)



Red (99%)

Yellow (93%)

Blue (93%)

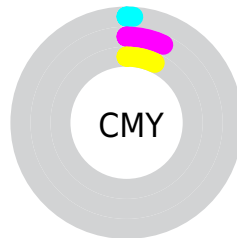


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0720, -2.5005, 8.7069 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 242.0720, -2.5005, 8.7069 by changing the saturation by 10% instead.

 242.0720, -2.5005,
8.7069

 242.0720, -2.5005,
8.7069


255.0000, 0.0000,
0.0000


 213.7730, -2.3531,
8.0921

 185.7730, -2.3531,
8.0921

 158.7730, -2.3531,
8.0921

 132.7730, -2.3531,
8.0921

 107.4740, -2.2057,
7.4773

 83.1750, -2.0583,
6.8625

 60.2890, -1.6215,

6.7625

■ 38.8760, -1.9109,
6.2477

■ 17.4740, -2.2057,
7.4773

■ 242.0720, -2.5005,
8.7069

■ 242.0720, -2.5005,
8.7069

■ 225.1340, -6.4751,
23.5615

■ 254.1030, 0.4422,
-1.8443

■ 208.7830,
-10.7390, 37.9013

■ 191.7310,
-15.1504, 52.8559

■ 175.3800,
-19.4143, 67.1957

■ 158.4420,
-23.3889, 82.0504

■ 142.0910,
-27.6529, 96.3902

■ 125.1530,
-31.6274, 111.2448

■ 108.6880,
-36.3282, 125.6846

■ 91.7500, -40.3027,
140.5393

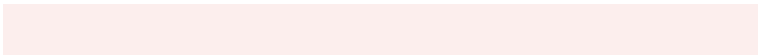
Harmonies

Analogous

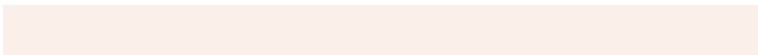
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.3430, -0.1691, 7.5922



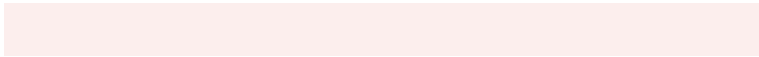
242.0720, -2.5005, 8.7069



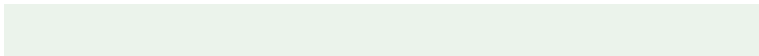
241.6050, -4.2423, 7.3624

Triad

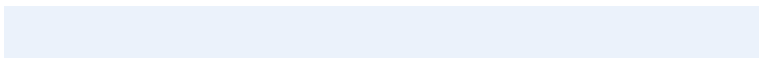
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0720, -2.5005, 8.7069



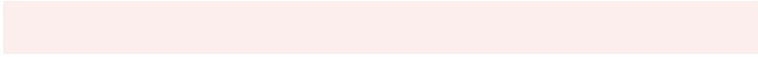
239.6960, -2.3151, -4.1184



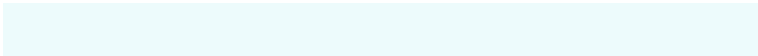
240.9330, 4.9630, -5.2032

Complementary

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



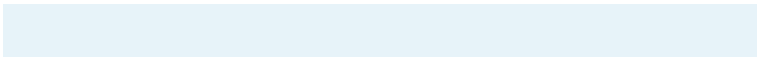
242.0720, -2.5005, 8.7069



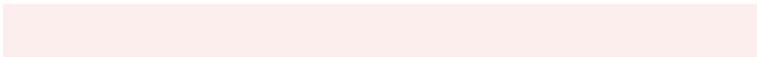
246.9280, 2.5005, -8.7069

Split Complementary

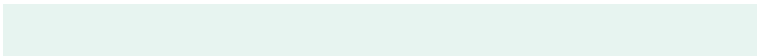
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.0960, 4.3897, -7.9772



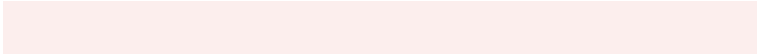
242.0720, -2.5005, 8.7069



239.6570, 0.1691, -7.5922

Square

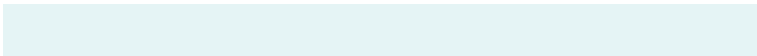
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.0720, -2.5005, 8.7069



240.5610, -4.2206, 0.3850



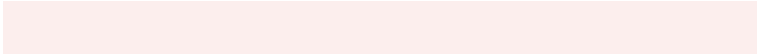
239.6290, 2.6479, -9.3216



241.4390, 4.2206, -0.3850

Rectangle

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



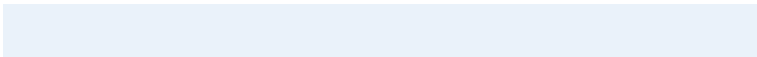
242.0720, -2.5005, 8.7069



241.4800, -4.6736, 5.7180



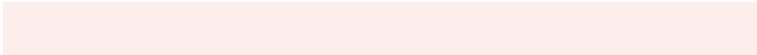
239.6290, 2.6479, -9.3216



240.5200, 4.6736, -5.7180

Sweetspot

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



242.0720, -2.5005, 8.7069



251.4950, -0.7370, 3.0739



243.0810, 3.9041, 7.8220



125.8970, -0.4422, 1.8443



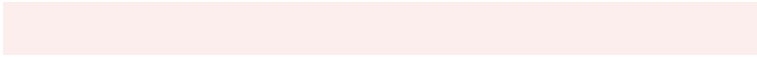
0.0000, 0.0000, 0.0000



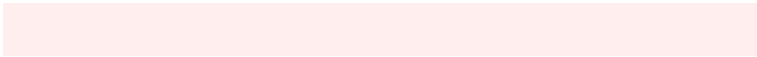
128.0000, 0.0000, 0.0000

Same Dimension

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



242.0720, -2.5005, 8.7069



242.9690, -2.9427, 10.5512



246.1810, -4.5262, 5.1033



118.5770, -1.7635, 5.6330



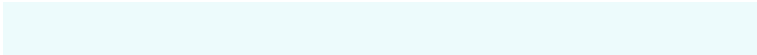
64.1420, -31.6220, 109.5005



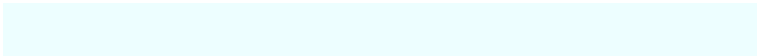
20.5870, -10.1494, 35.4422

Inverse Universe

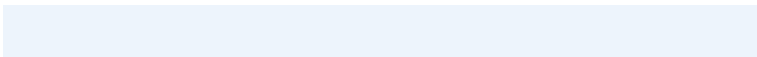
The Inverse Universe completely reimagines the original color for something new.



246.9280, 2.5005, -8.7069



249.0310, 2.9427, -10.5512



242.8190, 4.5262, -5.1033



121.4230, 1.7635, -5.6330



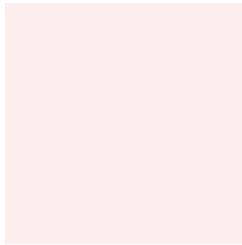
124.8580, 31.6220, -109.5005



40.4130, 10.1494, -35.4422

Previews

White Background



This preview shows how the YUV color 242.0720, -2.5005, 8.7069 looks on a white background.

Color Contrast Check

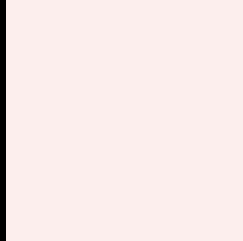
Large Text (above 18pt) WCAG AA × Fail

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 242.0720, -2.5005, 8.7069 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

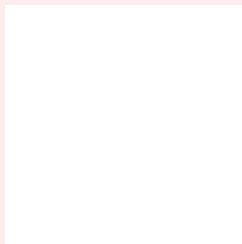
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0720, -2.5005, 8.7069

Background



This preview shows how black text looks on a background with the YUV color 242.0720, -2.5005, 8.7069.



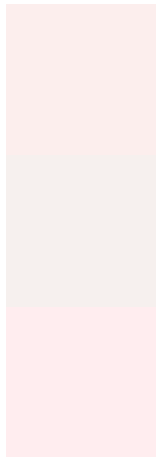
This preview shows how white text looks on a background with the YUV color 242.0720, -2.5005,

8.7069.

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

242.0720, -2.5005, 8.7069

Protanopia

241.5660, -1.7580, 3.8886

Deuteranopia

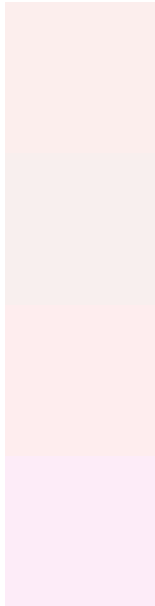
242.6100, -1.7797, 10.8660



Tritanopia

242.8470, 5.4984, 9.7812

Trichromacy



Original Color

242.0720, -2.5005, 8.7069

Protanomaly

241.5770, -1.7635, 5.6330

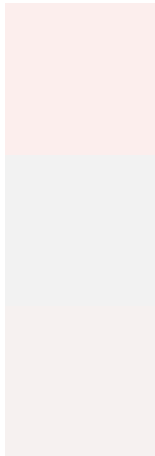
Deuteranomaly

242.1970, -2.0691, 10.3512

Tritanomaly

242.4510, 2.7357, 9.2515

Monochromacy



Original Color

242.0720, -2.5005, 8.7069

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.3810, -1.1738, 3.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0720, -2.5005, 8.7069 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, 238, 237)` looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 237)  
}
```

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, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 237) }
```

Border

The CSS property to change the border of an element to YUV 242.0720, -2.5005, 8.7069 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, 238, 237) }
```


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

```
.border{ border-color:rgb(252, 238, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 238, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(252, 238,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 242.0720, -2.5005, 8.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 238, 237) }
```

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

```
.background{ background-color: rgb(252,  
238, 237) }
```

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](#).

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