

Converting Colors

YUV(248.8390, -5.8366, 5.4032)

Have a look what the booklet for
YUV(248.8390, -5.8366, 5.4032)
contains.

YUV(248.8390, -5.8366, 5.4032)	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(248.8390, -5.8366,
5.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8ED
RGB	255, 248, 237
RGB Percent	100%, 97%, 93%
CMY	0.0000, 0.0275, 0.0706
CMYK	0.00, 0.03, 0.07, 0.00
HSL	37°, 100%, 96%
HSV	37°, 7%, 100%
XYZ	90.0935, 94.5092, 93.6144
YIQ	248.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

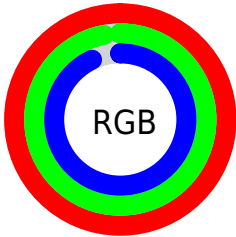
Format	Color
R_{YB}	248, 255, 237
Decimal	16775405
CIE Lab	97.84, 0.48, 6.09
CIE LCh	98, 6.113, 85.472
Yxy	94.5092, 0.3238, 0.3397
Android (android.graphics.Color)	4294965485 (0xFFFFF8ED)
YUV	248.8390, -5.8366, 5.4032
Hunter-Lab	97.2159, -4.7053, 10.9575

Details

The YUV color $248.8390, -5.8366, 5.4032$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.1610, 5.8366, -5.4032$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.5400, -5.6892, 4.7884$ is the 20% darker color. If you saturate the color by 10%, you get $240.1190, -13.8627, 13.0506$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

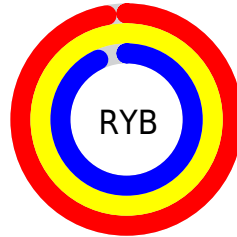
Distribution



Red (100%)

Green (97%)

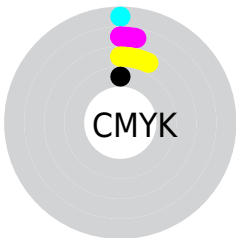
Blue (93%)



Red (97%)

Yellow (100%)

Blue (93%)

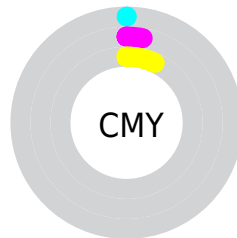


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (3%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 248.8390, -5.8366, 5.4032 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 248.8390, -5.8366, 5.4032 by changing the saturation by 10% instead.

 248.8390, -5.8366,
5.4032

 248.8390, -5.8366,
5.4032

255.0000, 0.0000,
0.0000


 219.9530, -5.3998,
5.3032

 192.5400, -5.6892,
4.7884

 165.5400, -5.6892,
4.7884

 138.6540, -5.2524,
4.6884

 113.6540, -5.2524,
4.6884

 88.7680, -4.8156,
4.5885

 65.4690, -4.6682,

3.9737

■ 43.5830, -4.2314,
3.8737

■ 23.0560, -4.9576,
3.4589

■ 248.8390, -5.8366,
5.4032

■ 248.8390, -5.8366,
5.4032

■ 240.1190,
-13.8627, 13.0506

255.0000, 0.0000,
0.0000

■ 231.2850,
-22.3255, 20.7981

■ 222.5650,
-30.3515, 28.4455

■ 213.7310,
-38.8144, 36.1929

■ 205.0110,
-46.8404, 43.8404

■ 196.1770,
-55.3033, 51.5878

■ 187.9300,
-64.0555, 58.8204

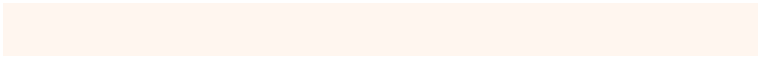
■ 179.2100,
-72.0815, 66.4678

■ 170.4900,
-80.1076, 74.1153

Harmonies

Analogous

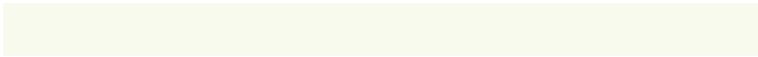
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.8930, -4.3842, 6.2328



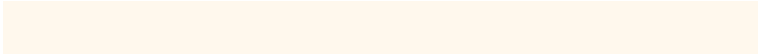
248.8390, -5.8366, 5.4032



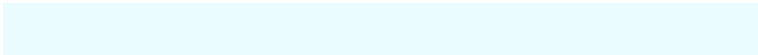
248.0340, -4.9468, -0.0298

Triad

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



248.8390, -5.8366, 5.4032



247.1450, 3.3795, -10.6512



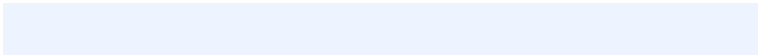
249.7170, 2.6045, 4.6332

Complementary

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



248.8390, -5.8366, 5.4032



243.1610, 5.8366, -5.4032

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.



249.0970, 2.9102, -0.0851



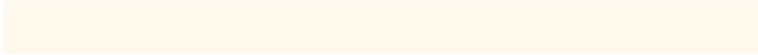
248.8390, -5.8366, 5.4032



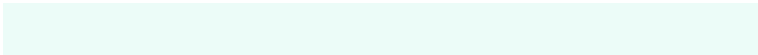
247.2700, 3.8109, -9.0068

Square

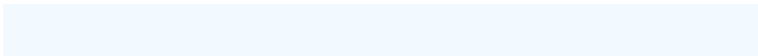
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248.8390, -5.8366, 5.4032



246.7600, 0.6113, -9.4365



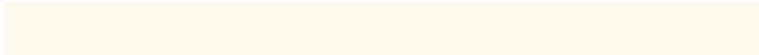
248.1780, 3.3632, -5.4181



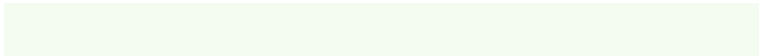
248.5600, 0.7099, 5.6479

Rectangle

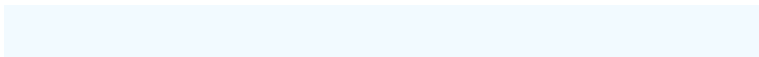
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



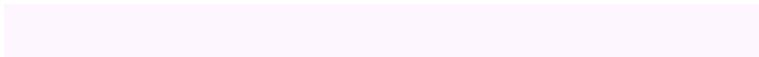
248.8390, -5.8366, 5.4032



247.6530, -3.7729, -3.2037



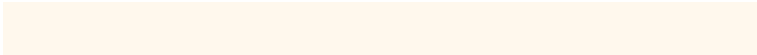
248.1780, 3.3632, -5.4181



249.4180, 2.7519, 4.0184

Sweetspot

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



248.8390, -5.8366, 5.4032



253.2560, -1.6052, 1.5295



243.1800, 0.4043, 10.3661



127.0710, -1.0210, 0.8147



0.0000, 0.0000, 0.0000



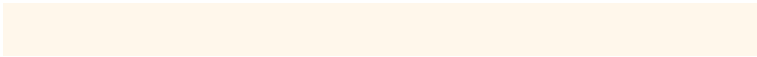
128.0000, 0.0000, 0.0000

Same Dimension

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



248.8390, -5.8366, 5.4032



248.0240, -6.4208, 6.1180



252.3500, -7.5675, 0.5701



123.5830, -4.2314, 3.8737



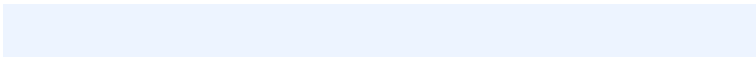
125.7880, -62.0135, 57.1909



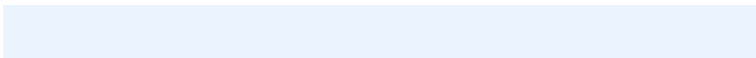
42.0290, -20.7203, 19.2686

Inverse Universe

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



243.1610, 5.8366, -5.4032



241.9760, 6.4208, -6.1180



239.6500, 7.5676, -0.5700



119.4170, 4.2314, -3.8737



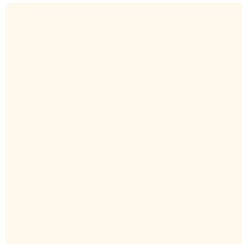
65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Previews

White Background



This preview shows how the YUV color 248.8390, -5.8366, 5.4032 looks on a white background.

Color Contrast Check

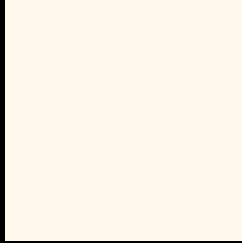
Large Text (above 18pt) WCAG AA × Fail

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 248.8390, -5.8366, 5.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

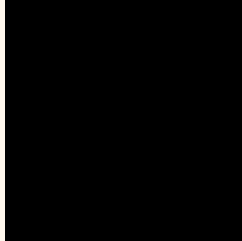
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 248.8390, -5.8366, 5.4032

Background



This preview shows how black text looks on a background with the YUV color 248.8390, -5.8366, 5.4032.

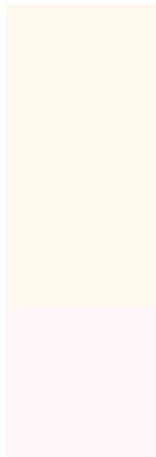


This preview shows how white text looks on a background with the YUV color 248.8390, -5.8366, 5.4032.

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

248.8390, -5.8366, 5.4032

Protanopia

248.9530, -5.3998, 5.3032

Deuteranopia

249.3920, -1.1793, 4.9182

Tritanopia

249.7060, 2.6099, 2.8888

Trichromacy



Original Color

248.8390, -5.8366, 5.4032

Protanomaly

248.9530, -5.3998, 5.3032

Deuteranomaly

248.9360, -2.9264, 5.3181

Tritanomaly

249.2070, -0.5951, 4.2035

Monochromacy



Original Color

248.8390, -5.8366, 5.4032

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.8390, -5.8366, 5.4032 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(255, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 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(255, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 237) }
```

Border

The CSS property to change the border of an element to YUV 248.8390, -5.8366, 5.4032 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(255, 248, 237) }
```


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

```
.border{ border-color:rgb(255, 248, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 248, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 248, 237); box-shadow:4px 4px 4px 4px rgb(255, 248, 237) }
```

Background

The CSS property to change the background color of an element to YUV 248.8390, -5.8366, 5.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 237) }
```

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

```
.background{ background-color: rgb(255,  
248, 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](#).

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