

Converting Colors

YUV(247.7250, -6.2734, 5.5032)

Have a look what the booklet for
YUV(247.7250, -6.2734, 5.5032)
contains.

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Color

**YUV(247.7250, -6.2734,
5.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF7EB
RGB	254, 247, 235
RGB Percent	100%, 97%, 92%
CMY	0.0039, 0.0314, 0.0784
CMYK	0.00, 0.03, 0.07, 0.00
HSL	38°, 90%, 96%
HSV	38°, 7%, 100%
XYZ	89.1292, 93.5905, 91.9644
YIQ	247.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

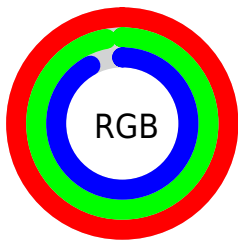
Format	Color
R_{YB}	246, 254, 235
Decimal	16709611
CIE Lab	97.47, 0.32, 6.58
CIE LCh	97, 6.587, 87.223
Yxy	93.5905, 0.3245, 0.3407
Android (android.graphics.Color)	4294899691 (0xFFFEF7EB)
YUV	247.7250, -6.2734, 5.5032
Hunter-Lab	96.7422, -4.8456, 11.3577

Details

The YUV color $247.7250, -6.2734, 5.5032$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.2750, 6.2734, -5.5032$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.4260, -6.1260, 4.8884$ is the 20% darker color. If you saturate the color by 10%, you get $239.5920, -14.5889, 12.6358$, and if you desaturate by 10%, it is $254.7010, 0.1474, -0.6148$.

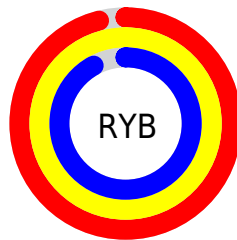
Distribution



Red (100%)

Green (97%)

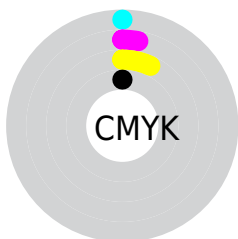
Blue (92%)



Red (96%)

Yellow (100%)

Blue (92%)

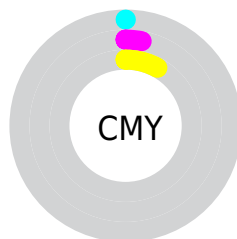


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.7250, -6.2734, 5.5032 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 247.7250, -6.2734, 5.5032 by changing the saturation by 10% instead.

 247.7250, -6.2734,
5.5032

 247.7250, -6.2734,
5.5032

255.0000, 0.0000,
0.0000


 219.4260, -6.1260,
4.8884

 191.4260, -6.1260,
4.8884

 164.5400, -5.6892,
4.7884

 137.9530, -5.3998,
5.3032

 112.6540, -5.2524,
4.6884

 88.3550, -5.1050,
4.0737

 64.4690, -4.6682,

3.9737

■ 42.5830, -4.2314,
3.8737

■ 22.2410, -5.5418,
4.1736

■ 247.7250, -6.2734,
5.5032

■ 247.7250, -6.2734,
5.5032

■ 239.5920,
-14.5889, 12.6358

254.7010, 0.1474,
-0.6148

■ 230.7580,
-23.0517, 20.3832

■ 222.6250,
-31.3671, 27.5159

■ 214.3780,
-40.1194, 34.7485

■ 205.6580,
-48.1454, 42.3959

■ 197.5250,
-56.4608, 49.5286

■ 188.6910,
-64.9237, 57.2760

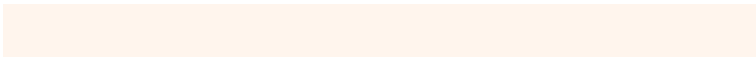
■ 180.5580,
-73.2391, 64.4086

■ 172.3110,
-81.9913, 71.6413

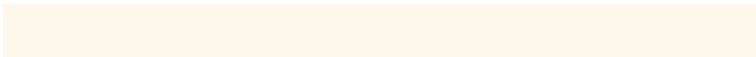
Harmonies

Analogous

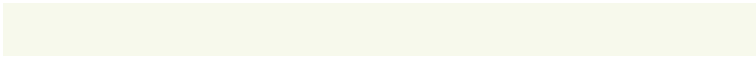
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.0780, -4.9685, 6.9476



247.7250, -6.2734, 5.5032



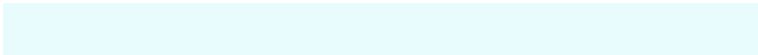
246.9200, -5.3836, 0.0702

Triad

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



247.7250, -6.2734, 5.5032



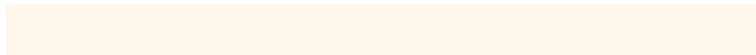
245.5470, 3.6743, -11.8807



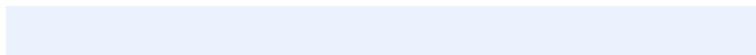
248.5430, 3.1833, 5.6628

Complementary

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



247.7250, -6.2734, 5.5032



241.2750, 6.2734, -5.5032

Split Complementary

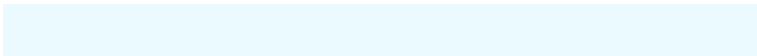
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.6240, 3.6364, 0.3298



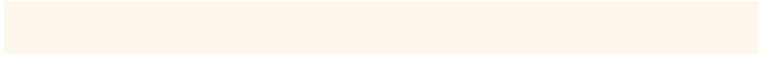
247.7250, -6.2734, 5.5032



246.0850, 4.3951, -9.7215

Square

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



247.7250, -6.2734, 5.5032



246.0480, 0.4693, -10.5661



246.7050, 4.0894, -5.0033



247.8590, 0.5625, 6.2627

Rectangle

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



247.7250, -6.2734, 5.5032



246.3540, -3.6255, -3.8185



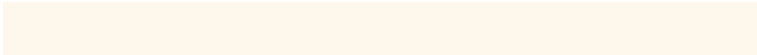
246.7050, 4.0894, -5.0033



248.5320, 3.1887, 3.9184

Sweetspot

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



247.7250, -6.2734, 5.5032



253.2560, -1.6052, 1.5295



241.4790, 0.2569, 10.9809



127.0710, -1.0210, 0.8147



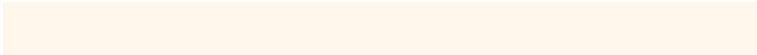
0.0000, 0.0000, 0.0000



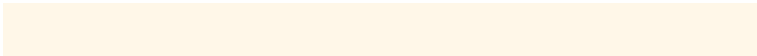
128.0000, 0.0000, 0.0000

Same Dimension

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



247.7250, -6.2734, 5.5032



247.6820, -7.7312, 6.4179



251.2360, -8.0043, 0.6700



123.5830, -4.2314, 3.8737



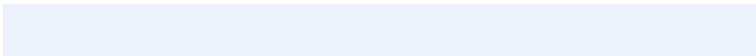
128.1360, -63.1710, 55.1317



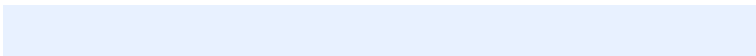
42.6160, -21.0097, 18.7538

Inverse Universe

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



241.2750, 6.2734, -5.5032



239.9050, 7.4418, -6.9327



237.7640, 8.0043, -0.6700



118.8300, 4.5208, -3.3589



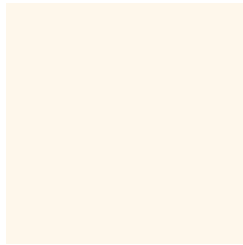
62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 247.7250, -6.2734, 5.5032 looks on a white background.

Color Contrast Check

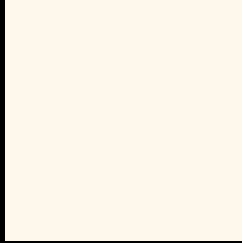
Large Text (above 18pt) WCAG AA × Fail

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 247.7250, -6.2734, 5.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

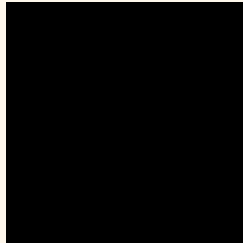
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 247.7250, -6.2734, 5.5032

Background



This preview shows how black text looks on a background with the YUV color 247.7250, -6.2734, 5.5032.

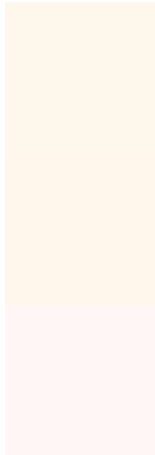


This preview shows how white text looks on a background with the YUV color 247.7250, -6.2734,

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

247.7250, -6.2734, 5.5032

Protanopia

248.0240, -6.4208, 6.1180

Deuteranopia

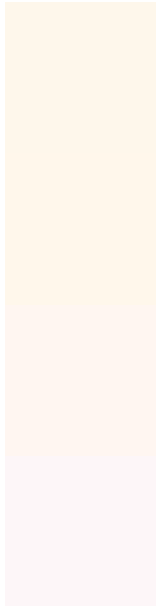
248.5770, -1.7635, 5.6330



Tritanopia

248.5320, 3.1887, 3.9184

Trichromacy



Original Color

247.7250, -6.2734, 5.5032

Protanomaly

248.0240, -6.4208, 6.1180

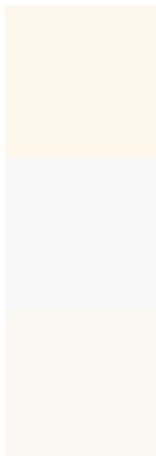
Deuteranomaly

248.1210, -3.5107, 6.0329

Tritanomaly

248.3210, -0.1583, 4.1035

Monochromacy



Original Color

247.7250, -6.2734, 5.5032

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.7250, -6.2734, 5.5032 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(254, 247, 235)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 235)  
}
```

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(254, 247, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 235) }
```

Border

The CSS property to change the border of an element to YUV 247.7250, -6.2734, 5.5032 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(254, 247, 235) }
```


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

```
.border{ border-color:rgb(254, 247, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 235);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 247.7250, -6.2734, 5.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 235) }
```

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

```
.background{ background-color: rgb(254,  
247, 235) }
```

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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