

Converting Colors

YUV(233.4590, -6.1423,
10.1215)

Have a look what the booklet for
YUV(233.4590, -6.1423, 10.1215)
contains.

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Color

**YUV(233.4590, -6.1423,
10.1215)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6DD
RGB	245, 230, 221
RGB Percent	96%, 90%, 87%
CMY	0.0392, 0.0980, 0.1333
CMYK	0.00, 0.06, 0.10, 0.04
HSL	22°, 55%, 91%
HSV	22°, 10%, 96%
XYZ	79.0041, 81.2266, 79.9209
YIQ	233.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

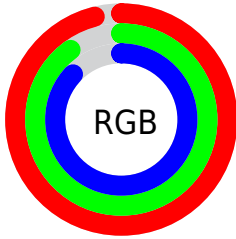
Format	Color
R _Y B	245, 235, 221
Decimal	16115421
CIE Lab	92.23, 3.60, 6.20
CIE LCh	92, 7.166, 59.849
Yxy	81.2266, 0.3290, 0.3382
Android (android.graphics.Color)	4294305501 (0xFFF5E6DD)
YUV	233.4590, -6.1423, 10.1215
Hunter-Lab	90.1258, -1.2472, 10.5114

Details

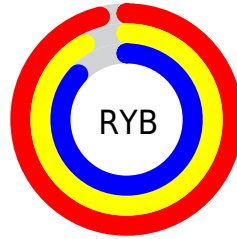
The YUV color $233.4590, -6.1423, 10.1215$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.5410, 6.1423, -10.1215$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.1600, -5.9949, 9.5067$ is the 20% darker color. If you saturate the color by 10%, you get $221.8040, -12.7214, 20.3429$, and if you desaturate by 10%, it is $245.1140, 0.4368, -0.1000$.

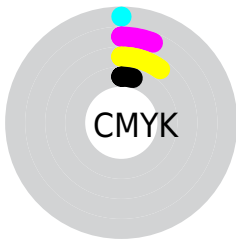
Distribution



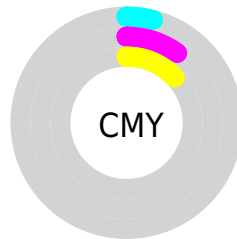
- Red (96%)
- Green (90%)
- Blue (87%)



- Red (96%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4590, -6.1423, 10.1215 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 233.4590, -6.1423, 10.1215 by changing the saturation by 10% instead.

233.4590, -6.1423,
10.1215

233.4590, -6.1423,
10.1215

255.0000, 0.0000,
0.0000

205.1600, -5.9949,
9.5067

178.1600, -5.9949,
9.5067

151.2740, -5.5581,
9.4067

124.9750, -5.4107,
8.7919

100.0890, -4.9739,
8.6919

76.3770, -5.1159,
7.5624

53.4910, -4.6791,

7.4624

■ 32.3060, -4.0949,
6.7476

■ 8.6160, -4.2477,
9.1068

■ 233.4590, -6.1423,
10.1215

■ 233.4590, -6.1423,
10.1215

■ 221.8040,
-12.7214, 20.3429

■ 245.1140, 0.4368,
-0.1000

■ 209.6760,
-18.5743, 30.9791

■ 252.0100, 1.4741,
-6.1478

■ 198.0210,
-25.1534, 41.2006

■ 186.4800,
-31.2956, 51.3220

■ 174.2380,
-37.5853, 62.0583

■ 162.6970,
-43.7276, 72.1797

■ 151.0420,
-50.3067, 82.4012

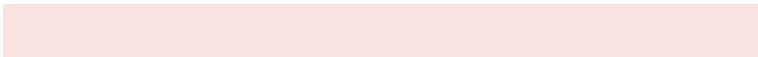
■ 138.9140,
-56.1596, 93.0374

■ 127.2590,
-62.7387, 103.2589

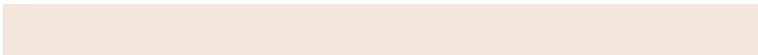
Harmonies

Analogous

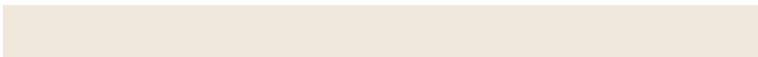
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.3390, -4.1111, 11.9807



233.4590, -6.1423, 10.1215



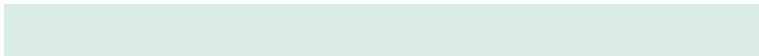
232.6110, -6.7102, 5.6032

Triad

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



233.4590, -6.1423, 10.1215



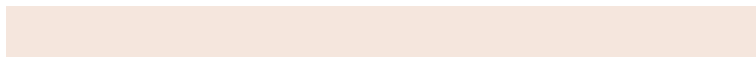
230.7490, 0.6167, -11.1809



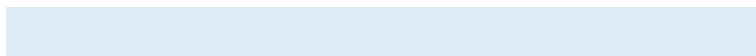
233.4930, 5.6730, 0.4446

Complementary

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



233.4590, -6.1423, 10.1215



232.5410, 6.1423, -10.1215

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.



232.3890, 6.7102, -5.6032



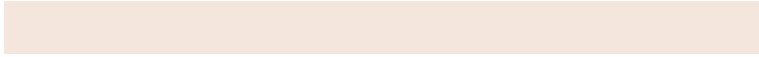
233.4590, -6.1423, 10.1215



230.9490, 3.9691, -13.1103

Square

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



233.4590, -6.1423, 10.1215



230.9730, -2.4517, -6.9923



231.2420, 6.2897, -10.7362



234.1410, 2.8885, 6.8923

Rectangle

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



233.4590, -6.1423, 10.1215



232.4040, -6.1152, 1.3997



231.2420, 6.2897, -10.7362



233.2970, 6.2626, -2.0145

Sweetspot

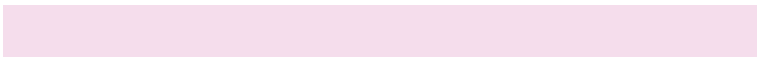
The Sweet Spot groups the original color and five complimentary colors.



233.4590, -6.1423, 10.1215



251.1530, -2.0474, 3.3738



229.8860, 3.0142, 13.2550



124.9680, -1.4632, 2.6591



0.0000, 0.0000, 0.0000



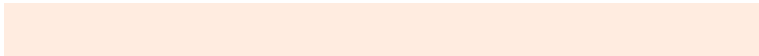
128.0000, 0.0000, 0.0000

Same Dimension

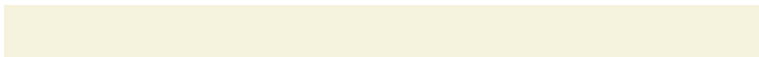
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.4590, -6.1423, 10.1215



240.3130, -8.0423, 12.8805



240.5030, -9.6150, 3.9439



116.5230, -3.2158, 4.8033



96.7040, -47.6751, 78.3126



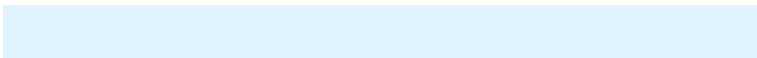
30.5550, -15.0636, 24.9463

Inverse Universe

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



232.5410, 6.1423, -10.1215



239.2740, 7.7529, -13.3953



225.4970, 9.6150, -3.9439



116.0640, 2.9264, -5.3181



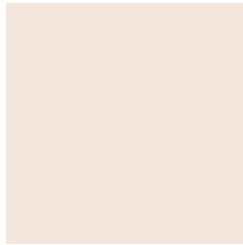
89.2960, 47.6751, -78.3126



28.4450, 15.0636, -24.9463

Previews

White Background



This preview shows how the YUV color 233.4590, -6.1423, 10.1215 looks on a white background.

Color Contrast Check

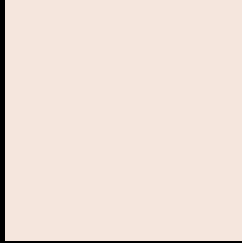
Large Text (above 18pt) WCAG AA × Fail

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 233.4590, -6.1423, 10.1215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

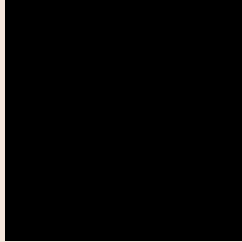
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

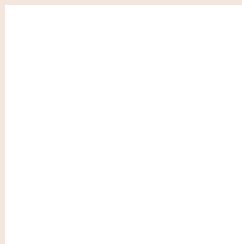
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.4590, -6.1423, 10.1215

Background



This preview shows how black text looks on a background with the YUV color 233.4590, -6.1423, 10.1215.

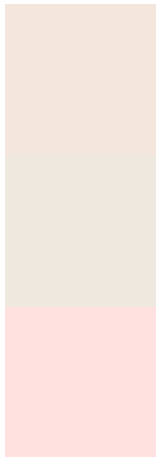


This preview shows how white text looks on a background with the YUV color 233.4590, -6.1423,

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

233.4590, -6.1423, 10.1215

Protanopia

232.9530, -5.3998, 5.3032

Deuteranopia

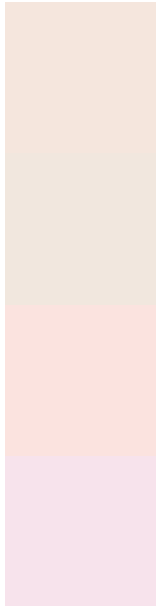
234.4430, -5.1484, 18.0285



Tritanopia

234.6300, 4.6194, 11.7255

Trichromacy



Original Color

233.4590, -6.1423, 10.1215

Protanomaly

232.9640, -5.4053, 7.0476

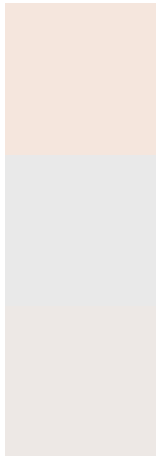
Deuteranomaly

233.7200, -5.2850, 15.1546

Tritanomaly

234.0060, 0.9830, 11.3957

Monochromacy



Original Color

233.4590, -6.1423, 10.1215

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4590, -6.1423, 10.1215 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(245, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 221)  
}
```

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(245, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 221) }
```

Border

The CSS property to change the border of an element to YUV 233.4590, -6.1423, 10.1215 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(245, 230, 221) }
```


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

```
.border{ border-color:rgb(245, 230, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 233.4590, -6.1423, 10.1215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 221) }
```

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

```
.background{ background-color: rgb(245,  
230, 221) }
```

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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