

Converting Colors

YUV(108.4610, 57.9467,
-12.6823)

Have a look what the booklet for
YUV(108.4610, 57.9467, -12.6823)
contains.

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Color

**YUV(108.4610, 57.9467,
-12.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5DE2
RGB	94, 93, 226
RGB Percent	37%, 36%, 89%
CMY	0.6314, 0.6353, 0.1137
CMYK	0.58, 0.59, 0.00, 0.11
HSL	240°, 70%, 63%
HSV	240°, 59%, 89%
XYZ	22.2579, 15.6994, 73.8087
YIQ	108.4610, -42.0970, 41.5750

Conversions

Conversions Part 2

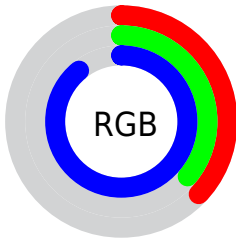
Format	Color
R_{YB}	94, 93, 226
Decimal	6184418
CIE _{Lab}	46.58, 38.46, -67.80
CIE _{LCh}	47, 77.946, 299.565
Yxy	15.6994, 0.1991, 0.1405
Android (android.graphics.Color)	4284374498 (0xFF5E5DE2)
YUV	108.4610, 57.9467, -12.6823
Hunter-Lab	39.6224, 30.9332, -82.7097

Details

The YUV color **108.4610, 57.9467, -12.6823** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **210.5390, -57.9467, 12.6823**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9430, 46.8631, -4.3350**, and **49.3610, 59.4750, -36.2736** is the 20% darker color. If you saturate the color by 10%, you get **88.3820, 67.8457, -14.3670**, and if you desaturate by 10%, it is **128.5400, 48.0478, -10.9976**.

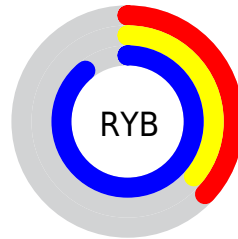
Distribution



Red (37%)

Green (36%)

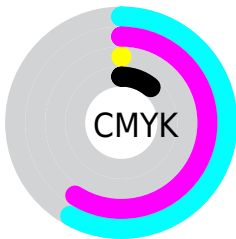
Blue (89%)



Red (37%)

Yellow (36%)

Blue (89%)

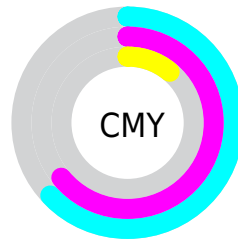


Cyan (58%)

Magenta (59%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (64%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.4610, 57.9467, -12.6823 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 108.4610, 57.9467, -12.6823 by changing the saturation by 10% instead.

■ 108.4610, 57.9467,
-12.6823

■ 108.4610, 57.9467,
-12.6823

255.0000, 0.0000,
0.0000

■ 80.9010, 57.2368,
-18.3302

■ 159.9430, 46.8631,
-4.3350

■ 49.3610, 59.4750,
-36.2736

■ 184.1750, 34.9167,
0.7235

■ 31.4500, 54.5012,
-27.5816

■ 209.5810, 22.3916,
4.7525

■ 17.3330, 48.6428,
-15.2010

■ 234.9870, 9.8664,
8.7814

■ 10.2600, 39.3118,
-8.9980

254.4130, 0.2894,
0.5148

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 108.4610, 57.9467,
-12.6823

■ 108.4610, 57.9467,
-12.6823

■ 88.3820, 67.8457,
-14.3670

■ 128.5400, 48.0478,
-10.9976

■ 68.5910, 77.6026,
-17.1813

■ 148.3310, 38.2908,
-8.1833

■ 48.5120, 87.5016,
-18.8660

■ 168.4100, 28.3919,
-6.4986

■ 28.7210, 97.2585,
-21.6803

■ 188.2010, 18.6349,
-3.6843

■ 26.3620, 98.4215,
-21.3655

■ 208.2800, 8.7360,
-1.9996

■ 228.6580, -1.3104,
0.2999

■ 248.1500,
-10.9199, 2.4995

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



98.1420, 71.4150, -86.0705



108.4610, 57.9467, -12.6823



104.3700, 36.2996, 70.7125

Triad

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



108.4610, 57.9467, -12.6823



101.1010, -49.8428, 73.5794



92.7310, 7.5276, -81.3251

Complementary

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



108.4610, 57.9467, -12.6823



210.5390, -57.9467, 12.6823

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.



82.1750, -22.7643, -72.0675



108.4610, 57.9467, -12.6823



104.0600, -51.3016, 28.0114

Square

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



108.4610, 57.9467, -12.6823



87.8940, -18.6817, 112.3490



94.0060, -46.3450, -21.9303



100.2550, 36.3563, -87.9236

Rectangle

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



108.4610, 57.9467, -12.6823



78.8920, 28.1542, 116.7357



94.0060, -46.3450, -21.9303



89.4080, -2.6661, -78.4108

Sweetspot

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



108.4610, 57.9467, -12.6823



214.2440, 20.0927, -4.5990



186.2330, 19.6051, -81.7653



102.6050, 12.5197, -2.2846



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.



108.4610, 57.9467, -12.6823



94.9330, 78.9130, -17.4812



128.1950, 48.2179, 27.8930



102.2540, 4.8048, -1.0998



20.3630, 76.7290, -16.9814



5.4720, 20.9663, -4.7989

Inverse Universe

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



147.8150, 38.0522, 68.5682



148.6390, 51.9430, 93.2786



191.1040, -48.3653, -27.2782



105.5430, 3.1833, 5.6628



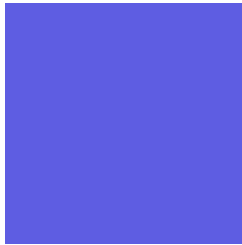
72.5740, 50.4960, 90.7046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 108.4610, 57.9467, -12.6823 looks on a white background.

Color Contrast Check

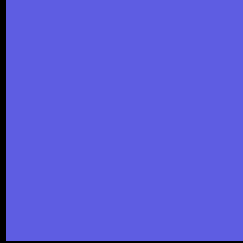
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.4610, 57.9467, -12.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

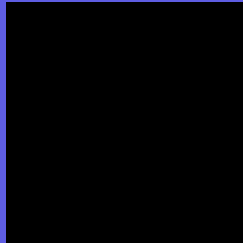
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.4610, 57.9467, -12.6823

Background



This preview shows how black text looks on a background with the YUV color 108.4610, 57.9467, -12.6823.



This preview shows how white text looks on a background with the YUV color 108.4610, 57.9467, -12.6823.

-12.6823.

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

108.4610, 57.9467, -12.6823

Protanopia

87.8720, 67.6041, -77.0637

Deuteranopia

88.5610, 52.4744, -77.6680



Tritanopia

100.4060, 14.0968, -41.5751

Trichromacy



Original Color

108.4610, 57.9467, -12.6823

Protanomaly

95.1030, 64.0392, -53.5873

Deuteranomaly

95.8720, 54.2931, -54.2617

Tritanomaly

103.5980, 29.7782, -31.2194

Monochromacy



Original Color

108.4610, 57.9467, -12.6823

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.4720, 20.9663, -4.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.4610, 57.9467, -12.6823 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(94, 93, 226)` looks like.

```
.text, #text, p{  
    color:rgb(94, 93, 226)  
}
```

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(94, 93, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 93, 226) }
```

Border

The CSS property to change the border of an element to YUV 108.4610, 57.9467, -12.6823 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(94, 93, 226) }
```


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

```
.border{ border-color:rgb(94, 93, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 93, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 93, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 93, 226);  
box-shadow:4px 4px 4px 4px rgb(94, 93,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 108.4610, 57.9467, -12.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 93, 226) }
```

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

```
.background{ background-color: rgb(94, 93,  
226) }
```

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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