

Converting Colors

YUV(107.2510, 12.6943,
-11.6211)

Have a look what the booklet for
YUV(107.2510, 12.6943, -11.6211)
contains.

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Color

**YUV(107.2510, 12.6943,
-11.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6D85
RGB	94, 109, 133
RGB Percent	37%, 43%, 52%
CMY	0.6314, 0.5725, 0.4784
CMYK	0.29, 0.18, 0.00, 0.48
HSL	217°, 17%, 45%
HSV	217°, 29%, 52%
XYZ	14.3184, 15.0104, 24.3329
YIQ	107.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

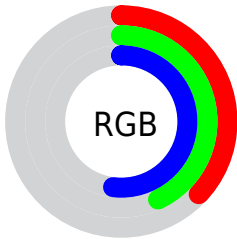
Format	Color
R_{YB}	94, 105, 133
Decimal	6188421
CIE Lab	45.65, 0.32, -15.08
CIE LCh	46, 15.082, 271.211
Yxy	15.0104, 0.2668, 0.2797
Android (android.graphics.Color)	4284378501 (0xFF5E6D85)
YUV	107.2510, 12.6943, -11.6211
Hunter-Lab	38.7433, -1.8324, -10.1171

Details

The YUV color **107.2510, 12.6943, -11.6211** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.7490, -12.6943, 11.6211**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4790, 13.5679, -11.8211**, and **59.6100, 11.5313, -11.9360** is the 20% darker color. If you saturate the color by 10%, you get **98.6680, 16.9257, -15.4948**, and if you desaturate by 10%, it is **115.8340, 8.4628, -7.7474**.

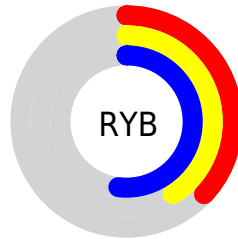
Distribution



Red (37%)

Green (43%)

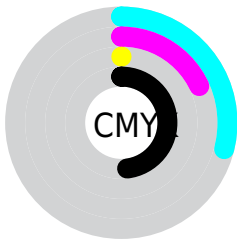
Blue (52%)



Red (37%)

Yellow (41%)

Blue (52%)

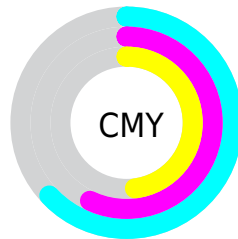


Cyan (29%)

Magenta (18%)

Yellow (0%)

Black (48%)



Cyan (63%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2510, 12.6943, -11.6211 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 107.2510, 12.6943, -11.6211 by changing the saturation by 10% instead.

■ 107.2510, 12.6943,
-11.6211

■ 107.2510, 12.6943,
-11.6211

■ 255.0000, 0.0000,
0.0000

■ 83.1370, 12.2575,
-11.5211

■ 158.4790, 13.5679,
-11.8211

■ 59.6100, 11.5313,
-11.9360

■ 185.5930, 14.0047,
-11.9211

■ 37.4960, 11.0945,
-11.8360

■ 213.5930, 14.0047,
-11.9211

■ 15.4850, 11.0999,
-13.5803

■ 239.8830, 7.4527,
-10.4214

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 107.2510, 12.6943,
-11.6211

■ 107.2510, 12.6943,
-11.6211

■ 98.6680, 16.9257,
-15.4948

■ 115.8340, 8.4628,
-7.7474

■ 89.7860, 21.3045,
-19.9833

■ 124.7160, 4.0840,
-3.2589

■ 80.6160, 25.8253,
-23.3422

■ 133.8860, -0.4368,
0.1000

■ 72.0330, 30.0567,
-27.2159

■ 142.4690, -4.6682,
3.9737

■ 63.1510, 34.4356,
-31.7044

■ 151.3510, -9.0470,
8.4622

■ 54.5680, 38.6670,
-35.5781

■ 159.9340,
-13.2785, 12.3359

■ 45.9850, 42.8984,
-39.4518

■ 168.5170,
-17.5099, 16.2096

■ 45.0990, 43.3352,

■ 177.1000,

-39.5518

-21.7413, 20.0833

 186.5690,
-26.4095, 24.0570

Harmonies

Analogous

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



104.7720, 12.4374, -22.6020



107.2510, 12.6943, -11.6211



109.6440, 10.0355, 1.1892

Triad

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



107.2510, 12.6943, -11.6211



109.7100, -6.7590, 21.3023



104.4730, -4.1772, -13.5698

Complementary

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



107.2510, 12.6943, -11.6211



119.7490, -12.6943, 11.6211

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.



105.7580, -9.7407, -2.4188



107.2510, 12.6943, -11.6211



108.5370, -11.1107, 17.0691

Square

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



107.2510, 12.6943, -11.6211



110.1920, -1.0807, 20.0026



107.2540, -11.9572, 8.5472



102.8400, 2.5439, -22.6617

Rectangle

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



107.2510, 12.6943, -11.6211



110.1890, 6.8088, 9.4812



107.2540, -11.9572, 8.5472



104.9250, -6.3720, -9.5812

Sweetspot

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



107.2510, 12.6943, -11.6211



163.2320, 4.8156, -4.5885



119.5150, -1.2399, -22.3767



80.4880, 3.2104, -3.0590



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



107.2510, 12.6943, -11.6211



133.3410, 19.5519, -17.8391



99.6420, 16.4455, -1.4400



61.8580, 2.0420, -1.6295



44.1700, 42.3142, -38.7371



0.9290, 1.0210, -0.8147

Inverse Universe

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



107.3710, 0.8031, 22.4766



133.5620, 1.2019, 34.5871



127.3580, -16.4455, 1.4400



62.0220, -0.0108, 3.4887



44.5700, 2.6770, 74.9221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 107.2510, 12.6943, -11.6211 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 107.2510, 12.6943, -11.6211 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

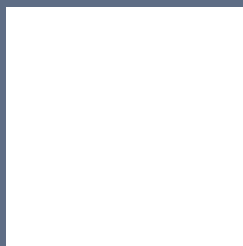
Any Text WCAG AAA × Fail

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

YUV 107.2510, 12.6943, -11.6211 Background



This preview shows how black text looks on a background with the YUV color 107.2510, 12.6943, -11.6211.



This preview shows how white text looks on a background with the YUV color 107.2510, 12.6943, -11.6211.

-11.6211.

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

107.2510, 12.6943, -11.6211

Protanopia

108.3550, 11.6570, -5.5733

Deuteranopia

108.8930, 12.3778, -3.4142



Tritanopia

106.0460, 6.8793, -13.1953

Trichromacy



Original Color

107.2510, 12.6943, -11.6211

Protanomaly

108.0450, 11.8098, -7.9325

Deuteranomaly

108.2840, 12.6780, -6.3881

Tritanomaly

106.3280, 9.2053, -12.5657

Monochromacy



Original Color

107.2510, 12.6943, -11.6211

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2510, 12.6943, -11.6211 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, 109, 133)` looks like.

```
.text, #text, p{  
    color:rgb(94, 109, 133)  
}
```

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, 109, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 109, 133) }
```

Border

The CSS property to change the border of an element to YUV 107.2510, 12.6943, -11.6211 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, 109, 133) }
```


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

```
.border{ border-color:rgb(94, 109, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 109, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 109, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 109, 133);  
box-shadow:4px 4px 4px 4px rgb(94, 109,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 107.2510, 12.6943, -11.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 109, 133) }
```

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

```
.background{ background-color: rgb(94, 109,  
133) }
```

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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