

Converting Colors

YUV(108.1700, 12.2412,
-6.2881)

Have a look what the booklet for
YUV(108.1700, 12.2412, -6.2881)
contains.

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Color

**YUV(108.1700, 12.2412,
-6.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	656B85
RGB	101, 107, 133
RGB Percent	40%, 42%, 52%
CMY	0.6039, 0.5804, 0.4784
CMYK	0.24, 0.20, 0.00, 0.48
HSL	229°, 14%, 46%
HSV	229°, 24%, 52%
XYZ	14.8582, 14.9755, 24.2978
YIQ	108.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

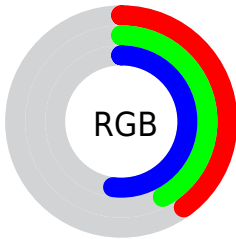
Format	Color
R_{YB}	101, 106, 133
Decimal	6646661
CIE _{Lab}	45.60, 3.83, -15.10
CIE _{LCh}	46, 15.580, 284.219
Yxy	14.9755, 0.2745, 0.2767
Android (android.graphics.Color)	4284836741 (0xFF656B85)
YUV	108.1700, 12.2412, -6.2881
Hunter-Lab	38.6983, 0.8130, -10.1381

Details

The YUV color **108.1700, 12.2412, -6.2881** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.8300, -12.2412, 6.2881**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3980, 13.1148, -6.4880**, and **60.5290, 11.0782, -6.6029** is the 20% darker color. If you saturate the color by 10%, you get **97.8260, 17.3408, -8.6174**, and if you desaturate by 10%, it is **118.5140, 7.1416, -3.9588**.

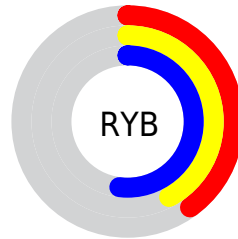
Distribution



Red (40%)

Green (42%)

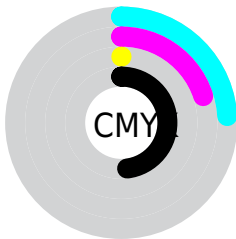
Blue (52%)



Red (40%)

Yellow (42%)

Blue (52%)

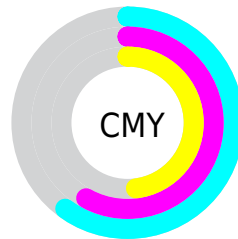


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (48%)



Cyan (60%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1700, 12.2412, -6.2881 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 108.1700, 12.2412, -6.2881 by changing the saturation by 10% instead.

■ 108.1700, 12.2412,
-6.2881

■ 108.1700, 12.2412,
-6.2881

■ 255.0000, 0.0000,
0.0000

■ 84.0560, 11.8044,
-6.1881

■ 159.3980, 13.1148,
-6.4880

■ 60.5290, 11.0782,
-6.6029

■ 186.5120, 13.5516,
-6.5880

■ 38.4150, 10.6414,
-6.5030

■ 214.5120, 13.5516,
-6.5880

■ 17.5890, 10.0626,
-7.5326

■ 240.8020, 6.9996,
-5.0884

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 108.1700, 12.2412,
-6.2881

■ 108.1700, 12.2412,
-6.2881

■ 97.8260, 17.3408,
-8.6174

■ 118.5140, 7.1416,
-3.9588

■ 87.1830, 22.5878,
-11.5615

■ 129.1570, 1.8946,
-1.0147

■ 77.4260, 27.3980,
-14.4056

■ 138.9140, -2.9156,
1.8294

■ 67.0820, 32.4976,
-16.7349

■ 149.2580, -8.0152,
4.1587

■ 56.4390, 37.7446,
-19.6790

■ 159.9010,
-13.2622, 7.1028

■ 46.0950, 42.8442,
-22.0083

■ 170.2450,
-18.3618, 9.4321

■ 35.7510, 47.9438,
-24.3376

■ 180.5890,
-23.4614, 11.7614

■ 29.8370, 50.8594,

■ 190.3460,

-26.1670

-28.2716, 14.6056

 200.9890,
-33.5186, 17.5496

Harmonies

Analogous

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



105.4350, 13.5895, -18.7985



108.1700, 12.2412, -6.2881



110.2210, 8.2720, 6.8222

Triad

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



108.1700, 12.2412, -6.2881



109.3140, -9.5218, 20.7726



103.4230, -1.6875, -18.7880

Complementary

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



108.1700, 12.2412, -6.2881



125.8300, -12.2412, 6.2881

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.



105.4800, -8.1246, -7.4370



108.1700, 12.2412, -6.2881



108.1730, -12.4103, 13.8803

Square

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



108.1700, 12.2412, -6.2881



110.1060, -3.9963, 21.8320



106.6340, -11.6516, 3.8290



102.3280, 5.7543, -25.7207

Rectangle

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



108.1700, 12.2412, -6.2881



110.0540, 4.9034, 13.9846



106.6340, -11.6516, 3.8290



103.8750, -3.8824, -14.7994

Sweetspot

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



108.1700, 12.2412, -6.2881



164.1290, 4.3734, -2.7441



122.7480, 2.0962, -19.0730



81.3850, 2.7682, -1.2146



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.



108.1700, 12.2412, -6.2881



134.5700, 18.9460, -10.1469



107.6380, 12.5035, 2.9485



61.2710, 2.3314, -1.1147



28.9080, 49.8384, -25.3523



0.3420, 1.3104, -0.2999

Inverse Universe

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



111.2520, -2.0962, 19.0730



139.0900, -3.0024, 29.7391



126.3620, -12.5035, -2.9485



61.9080, -0.4476, 3.5887



41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 108.1700, 12.2412, -6.2881 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 108.1700, 12.2412, -6.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

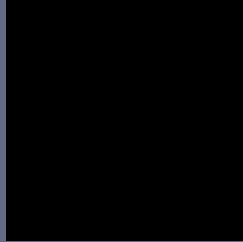
Any Text WCAG AA × Fail

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 108.1700, 12.2412, -6.2881 Background



This preview shows how black text looks on a background with the YUV color 108.1700, 12.2412, -6.2881.



This preview shows how white text looks on a background with the YUV color 108.1700, 12.2412, -6.2881.

-6.2881.

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

108.1700, 12.2412, -6.2881

Protanopia

108.4690, 12.0938, -5.6733

Deuteranopia

108.7790, 11.9410, -3.3142



Tritanopia

107.3240, 5.2633, -8.1771

Trichromacy



Original Color

108.1700, 12.2412, -6.2881

Protanomaly

108.4690, 12.0938, -5.6733

Deuteranomaly

108.4800, 12.0884, -3.9290

Tritanomaly

107.6060, 7.5892, -7.5475

Monochromacy



Original Color

108.1700, 12.2412, -6.2881

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1700, 12.2412, -6.2881 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(101, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(101, 107, 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(101, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 107, 133) }
```

Border

The CSS property to change the border of an element to YUV 108.1700, 12.2412, -6.2881 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(101, 107, 133) }
```


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

```
.border{ border-color:rgb(101, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(101, 107,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 108.1700, 12.2412, -6.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 107, 133) }
```

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

```
.background{ background-color: rgb(101,  
107, 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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