

Converting Colors

YUV(108.6820, -7.7312, 6.4179)

Have a look what the booklet for
YUV(108.6820, -7.7312, 6.4179)
contains.

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Color

**YUV(108.6820, -7.7312,
6.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	746C5D
RGB	116, 108, 93
RGB Percent	45%, 42%, 36%
CMY	0.5451, 0.5765, 0.6353
CMYK	0.00, 0.07, 0.20, 0.55
HSL	39°, 11%, 41%
HSV	39°, 20%, 45%
XYZ	14.5408, 15.2284, 12.5289
YIQ	108.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

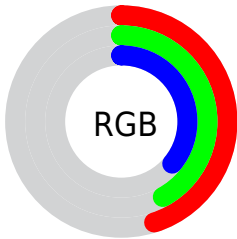
Format	Color
RYB	105, 116, 93
Decimal	7629917
CIELab	45.95, 0.41, 9.52
CIElCh	46, 9.533, 87.541
Yxy	15.2284, 0.3438, 0.3600
Android (android.graphics.Color)	4285819997 (0xFF746C5D)
YUV	108.6820, -7.7312, 6.4179
Hunter-Lab	39.0236, -1.7795, 8.2809

Details

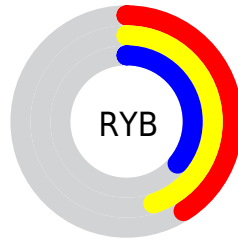
The YUV color **108.6820, -7.7312, 6.4179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.3180, 7.7312, -6.4179**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8670, -8.3154, 7.1326**, and **61.4970, -7.1470, 5.7031** is the 20% darker color. If you saturate the color by 10%, you get **104.9660, -11.8152, 9.6768**, and if you desaturate by 10%, it is **112.3980, -3.6472, 3.1590**.

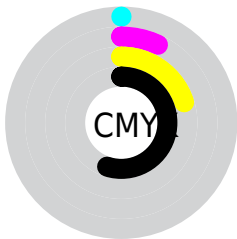
Distribution



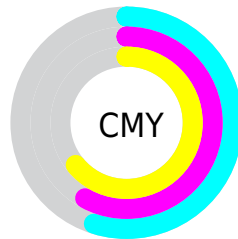
- Red (45%)
- Green (42%)
- Blue (36%)



- Red (41%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.6820, -7.7312, 6.4179 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 108.6820, -7.7312, 6.4179 by changing the saturation by 10% instead.

■ 108.6820, -7.7312,
6.4179

■ 108.6820, -7.7312,
6.4179

255.0000, 0.0000,
0.0000

■ 84.3830, -7.5838,
5.8031

■ 159.8670, -8.3154,
7.1326

■ 61.4970, -7.1470,
5.7031

■ 186.8670, -8.3154,
7.1326

■ 39.3120, -6.5628,
4.9884

■ 214.7530, -8.7522,
7.2326

■ 18.3400, -9.0416,
6.7178

■ 243.0520, -8.8996,
7.8474

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,
0.1000

■ 108.6820, -7.7312,
6.4179

■ 108.6820, -7.7312,
6.4179

■ 104.9660,
-11.8152, 9.6768

■ 112.3980, -3.6472,
3.1590

■ 101.3640,
-15.4625, 12.8358

■ 116.0000, 0.0000,
0.0000

■ 97.6480, -19.5465,
16.0947

■ 119.7160, 4.0840,
-3.2589

■ 94.0460, -23.1937,
19.2537

■ 123.3180, 7.7312,
-6.4179

■ 90.3300, -27.2777,
22.5126

■ 127.0340, 11.8152,
-9.6768

■ 86.6140, -31.3617,
25.7715

■ 130.7500, 15.8993,
-12.9358

■ 83.0120, -35.0089,
28.9305

■ 134.3520, 19.5465,
-16.0947

■ 79.2960, -39.0929,

■ 138.0680, 23.6305,

32.1894

-19.3536

■ 141.6700, 27.2777,
-22.5126

Harmonies

Analogous

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



109.3560, -6.5845, 11.9658



108.6820, -7.7312, 6.4179



107.9800, -6.3991, -0.8595

Triad

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



108.6820, -7.7312, 6.4179



105.8670, 4.9956, -15.6694



110.5540, 3.1779, 7.4071

Complementary

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



108.6820, -7.7312, 6.4179



100.3180, 7.7312, -6.4179

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.



109.7210, 6.5465, 0.2447



108.6820, -7.7312, 6.4179



106.8610, 7.4635, -13.9101

Square

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



108.6820, -7.7312, 6.4179



105.8520, 1.0590, -13.0252



108.4210, 8.1734, -8.2622



110.3760, -0.1854, 12.8252

Rectangle

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



108.6820, -7.7312, 6.4179



107.1150, -4.4937, -5.3629



108.4210, 8.1734, -8.2622



109.9990, 4.9305, 5.2629

Sweetspot

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



108.6820, -7.7312, 6.4179



147.2130, -3.0630, 2.4442



100.7890, 0.1040, 13.3400



75.1420, -2.0420, 1.6295



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



108.6820, -7.7312, 6.4179



138.8520, -12.2520, 9.7768



112.4810, -9.6041, 0.4552



57.1420, -2.0420, 1.6295



83.4380, -41.1349, 33.8189



170.4310, -84.0225, 69.7820

Inverse Universe

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



100.3180, 7.7312, -6.4179



125.7350, 11.9626, -10.2916



96.5190, 9.6041, -0.4552



54.8580, 2.0420, -1.6295



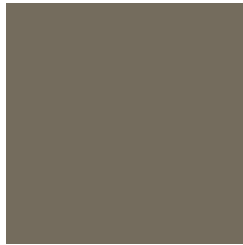
39.1490, 40.8455, -34.3337



79.5690, 84.0225, -69.7820

Previews

White Background



This preview shows how the YUV color 108.6820, -7.7312, 6.4179 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 108.6820, -7.7312, 6.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

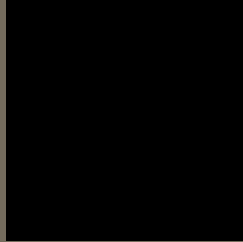
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.6820, -7.7312, 6.4179

Background



This preview shows how black text looks on a background with the YUV color 108.6820, -7.7312, 6.4179.



This preview shows how white text looks on a background with the YUV color 108.6820, -7.7312,

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

108.6820, -7.7312, 6.4179

Protanopia

108.6710, -7.7258, 4.6735

Deuteranopia

109.7260, -7.7529, 13.3953



Tritanopia

110.0980, 1.4307, 7.8071

Trichromacy



Original Color

108.6820, -7.7312, 6.4179

Protanomaly

108.9700, -7.8732, 5.2883

Deuteranomaly

109.4160, -7.6001, 11.0362

Tritanomaly

109.5880, -1.7689, 7.3773

Monochromacy



Original Color

108.6820, -7.7312, 6.4179

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2130, -3.0630, 2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6820, -7.7312, 6.4179 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(116, 108, 93)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 93)  
}
```

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(116, 108, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 93) }
```

Border

The CSS property to change the border of an element to YUV 108.6820, -7.7312, 6.4179 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(116, 108, 93) }
```


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

```
.border{ border-color:rgb(116, 108, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 93);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 108.6820, -7.7312, 6.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 93) }
```

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

```
.background{ background-color: rgb(116,  
108, 93) }
```

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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