

Converting Colors

YUV(104.8600, -7.8190,
-12.1552)

Have a look what the booklet for
YUV(104.8600, -7.8190, -12.1552)
contains.

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Color

**YUV(104.8600, -7.8190,
-12.1552)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5B7359 |
| RGB | 91, 115, 89 |
| RGB Percent | 36%, 45%, 35% |
| CMY | 0.6431, 0.5490, 0.6510 |
| CMYK | 0.21, 0.00, 0.23, 0.55 |
| HSL | 115°, 13%, 40% |
| HSV | 115°, 23%, 45% |
| XYZ | 12.2483, 15.2069, 11.7409 |
| YIQ | 104.8600, -5.9580, -13.1740 |

Conversions

Conversions Part 2

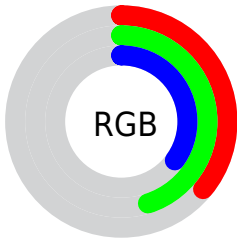
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 89, 115, 113 |
| Decimal | 5993305 |
| CIE _{Lab} | 45.92, -14.33, 11.56 |
| CIE _{LCh} | 46, 18.410, 141.111 |
| Yxy | 15.2069, 0.3125, 0.3880 |
| Android (android.graphics.Color) | 4284183385 (0xFF5B7359) |
| YUV | 104.8600, -7.8190, -12.1552 |
| Hunter-Lab | 38.9960, -12.1778, 9.4463 |

Details

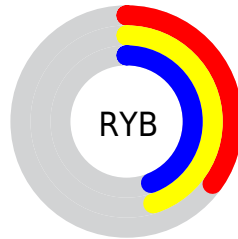
The YUV color **104.8600, -7.8190, -12.1552** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **99.1400, 7.8190, 12.1552**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3330, -8.5452, -12.5700**, and **57.3870, -7.0928, -11.7404** is the 20% darker color. If you saturate the color by 10%, you get **100.3170, -11.0023, -17.8180**, and if you desaturate by 10%, it is **109.5170, -4.1989, -6.5924**.

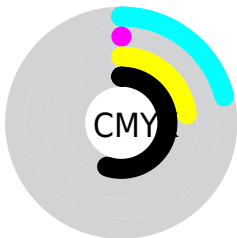
Distribution



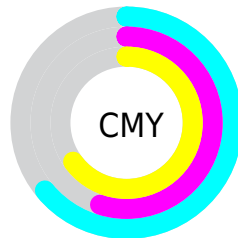
- Red (36%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (44%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8600, -7.8190, -12.1552 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 104.8600, -7.8190, -12.1552 by changing the saturation by 10% instead.

104.8600, -7.8190,
-12.1552

104.8600, -7.8190,
-12.1552

255.0000, 0.0000,
0.0000

80.3870, -7.0928,
-11.7404

156.3330, -8.5452,
-12.5700

57.3870, -7.0928,
-11.7404

182.9200, -8.8346,
-13.0848

35.9140, -6.3666,
-11.3256

210.6210, -8.6872,
-13.6996

14.6750, -7.2348,
-12.8700

239.0940, -9.4133,
-14.1144

0.0000, 0.0000,
0.0000

253.4190, -2.1786,
-1.2445

■ 104.8600, -7.8190,
-12.1552

■ 104.8600, -7.8190,
-12.1552

■ 100.3170,
-11.0023, -17.8180

■ 109.5170, -4.1989,
-6.5924

■ 95.9590, -14.7698,
-22.7660

■ 113.7610, -0.8682,
-1.5444

■ 91.3020, -18.3899,
-28.3289

■ 118.4180, 2.7519,
4.0184

■ 87.0580, -21.7206,
-33.3769

■ 122.6620, 6.0826,
9.0664

■ 82.4010, -25.3407,
-38.9397

■ 127.3190, 9.7027,
14.6292

■ 77.8580, -28.5240,
-44.6025

■ 131.8620, 12.8860,
20.2920

■ 73.5000, -32.2915,
-49.5505

■ 136.2200, 16.6535,
25.2401

■ 70.1960, -34.6066,

■ 140.7630, 19.8368,

-53.6689

30.9028

■ 145.4200, 23.4569,
36.4657

Harmonies

Analogous

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



106.8680, -13.2459, 1.8698



104.8600, -7.8190, -12.1552



102.5470, 0.2233, -25.0357

Triad

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



104.8600, -7.8190, -12.1552



106.4070, 16.0683, -20.5279



110.5580, -6.1911, 25.8206

Complementary

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



104.8600, -7.8190, -12.1552



99.1400, 7.8190, 12.1552

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.



111.1860, 1.3873, 21.7619



104.8600, -7.8190, -12.1552



109.2350, 13.6881, -3.7141

Square

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



104.8600, -7.8190, -12.1552



102.5860, 14.5011, -31.2089



110.9550, 8.4032, 11.4405



109.6410, -12.1480, 23.1168

Rectangle

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



104.8600, -7.8190, -12.1552



101.4090, 6.2074, -31.0537



110.9550, 8.4032, 11.4405



111.1280, -4.0071, 25.3207

Sweetspot

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



104.8600, -7.8190, -12.1552



146.1690, -3.0413, -4.5332



110.8620, -10.7780, 3.6290



74.4080, -2.1731, -2.9888



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.



104.8600, -7.8190, -12.1552



134.3770, -12.0179, -18.7476



105.5160, -2.7194, -14.4845



56.5220, -1.7363, -3.0888



74.3050, -36.6324, -57.2725



152.4310, -75.1485, -117.0190

Inverse Universe

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



99.1400, 7.8190, 12.1552



125.6230, 12.0179, 18.7476



98.4840, 2.7194, 14.4845



55.1790, 1.8838, 2.4740



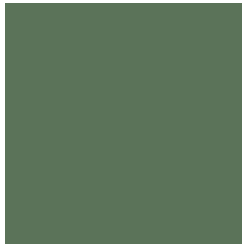
47.6950, 36.6324, 57.2725



97.5690, 75.1485, 117.0190

Previews

White Background



This preview shows how the YUV color 104.8600, -7.8190, -12.1552 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 104.8600, -7.8190, -12.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

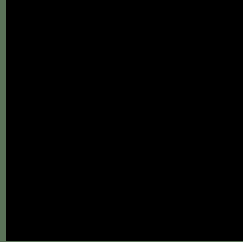
Any Text WCAG AA × Fail

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 104.8600, -7.8190, -12.1552 Background



This preview shows how black text looks on a background with the YUV color 104.8600, -7.8190, -12.1552.



This preview shows how white text looks on a background with the YUV color 104.8600, -7.8190,

-12.1552.

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

104.8600, -7.8190, -12.1552

Protanopia

107.5850, -10.6414, 6.5030

Deuteranopia

108.7970, -8.7739, 14.2100



Tritanopia

107.5410, 6.1423, -10.1215

Trichromacy



Original Color

104.8600, -7.8190, -12.1552

Protanomaly

106.7690, -9.7461, -0.6744

Deuteranomaly

107.4430, -8.5994, 4.8735

Tritanomaly

106.2760, 1.3429, -10.7661

Monochromacy



Original Color

104.8600, -7.8190, -12.1552

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1690, -3.0413, -4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8600, -7.8190, -12.1552 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(91, 115, 89)` looks like.

```
.text, #text, p{  
    color:rgb(91, 115, 89)  
}
```

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(91, 115, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 115, 89) }
```

Border

The CSS property to change the border of an element to YUV 104.8600, -7.8190, -12.1552 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(91, 115, 89) }
```


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

```
.border{ border-color:rgb(91, 115, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 115, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 115, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 115, 89);  
box-shadow:4px 4px 4px 4px rgb(91, 115,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 104.8600, -7.8190, -12.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 115, 89) }
```

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

```
.background{ background-color: rgb(91, 115,  
89) }
```

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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