

Converting Colors

YUV(108.5610, -7.6716,
-12.7700)

Have a look what the booklet for
YUV(108.5610, -7.6716, -12.7700)
contains.

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Color

**YUV(108.5610, -7.6716,
-12.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	5E775D
RGB	94, 119, 93
RGB Percent	37%, 47%, 36%
CMY	0.6314, 0.5333, 0.6353
CMYK	0.21, 0.00, 0.22, 0.53
HSL	118°, 12%, 42%
HSV	118°, 22%, 47%
XYZ	13.1887, 16.3636, 12.8193
YIQ	108.5610, -6.5540, -13.3860

Conversions

Conversions Part 2

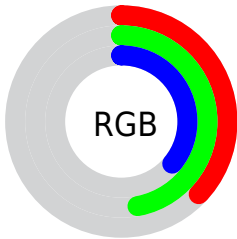
Format	Color
R_{YB}	93, 119, 118
Decimal	6190941
CIE _{Lab}	47.45, -14.63, 11.37
CIE _{LCh}	47, 18.526, 142.143
Yxy	16.3636, 0.3113, 0.3862
Android (android.graphics.Color)	4284381021 (0xFF5E775D)
YUV	108.5610, -7.6716, -12.7700
Hunter-Lab	40.4520, -12.5941, 9.5273

Details

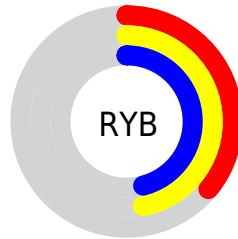
The YUV color **108.5610, -7.6716, -12.7700** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **103.4390, 7.6716, 12.7700**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0340, -8.3978, -13.1848**, and **60.5010, -6.6560, -11.8404** is the 20% darker color. If you saturate the color by 10%, you get **103.9040, -11.2917, -18.3328**, and if you desaturate by 10%, it is **113.2180, -4.0515, -7.2072**.

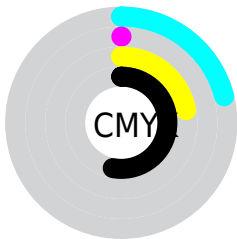
Distribution



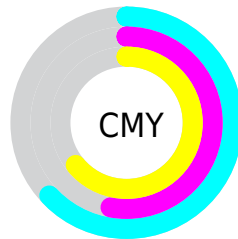
- Red (37%)
- Green (47%)
- Blue (36%)



- Red (36%)
- Yellow (47%)
- Blue (46%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5610, -7.6716, -12.7700 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 108.5610, -7.6716, -12.7700 by changing the saturation by 10% instead.

■ 108.5610, -7.6716,
-12.7700

■ 108.5610, -7.6716,
-12.7700

255.0000, 0.0000,
0.0000

■ 83.9740, -7.3822,
-12.2552

■ 160.0340, -8.3978,
-13.1848

■ 60.5010, -6.6560,
-11.8404

■ 187.3220, -8.5397,
-14.3144

■ 38.6150, -6.2192,
-11.9404

■ 215.2080, -8.9765,
-14.2144

■ 17.0340, -8.3978,
-13.1848

■ 243.2080, -8.9765,
-14.2144

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,
0.1000

■ 108.5610, -7.6716,
-12.7700

■ 108.5610, -7.6716,
-12.7700

■ 103.9040,
-11.2917, -18.3328

■ 113.2180, -4.0515,
-7.2072

■ 98.9480, -14.7644,
-24.5104

■ 118.1740, -0.5788,
-1.0296

■ 94.2910, -18.3845,
-30.0732

■ 122.8310, 3.0413,
4.5332

■ 89.3350, -21.8572,
-36.2508

■ 127.7870, 6.5140,
10.7108

■ 84.6780, -25.4773,
-41.8136

■ 132.3300, 9.6973,
16.3736

■ 79.8360, -28.5131,
-48.0912

■ 137.2860, 13.1700,
22.5512

■ 75.1790, -32.1332,
-53.6540

■ 141.9430, 16.7901,
28.1140

■ 71.3480, -35.1746,

■ 146.8990, 20.2628,

-58.1872

34.2916

■ 151.5560, 23.8829,
39.8544

Harmonies

Analogous

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



110.4550, -13.5353, 1.3550



108.5610, -7.6716, -12.7700



106.3620, 0.8075, -25.7505

Triad

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



108.5610, -7.6716, -12.7700



110.1190, 16.2103, -19.3984



114.5580, -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.



108.5610, -7.6716, -12.7700



103.4390, 7.6716, 12.7700

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.



115.3710, 0.8031, 22.4766



108.5610, -7.6716, -12.7700



113.5340, 13.5407, -3.0993

Square

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



108.5610, -7.6716, -12.7700



106.7000, 14.9379, -31.3089



115.2540, 8.2558, 12.0552



113.6410, -12.1480, 23.1168

Rectangle

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



108.5610, -7.6716, -12.7700



105.2240, 6.7916, -31.7684



115.2540, 8.2558, 12.0552



114.5410, -3.7177, 25.8355

Sweetspot

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



108.5610, -7.6716, -12.7700



151.4570, -3.1833, -5.6628



115.4490, -11.0674, 3.1142



76.5220, -1.7363, -3.0888



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



108.5610, -7.6716, -12.7700



139.6650, -12.1598, -19.8772



109.6300, -2.2826, -14.5845



56.5220, -1.7363, -3.0888



73.1090, -36.0427, -59.7316



149.7400, -73.8218, -122.5520

Inverse Universe

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



103.4390, 7.6716, 12.7700



131.3350, 12.1598, 19.8772



102.3700, 2.2826, 14.5845



55.1790, 1.8838, 2.4740



49.1900, 35.8953, 60.3464



100.2600, 73.8218, 122.5520

Previews

White Background



This preview shows how the YUV color 108.5610, -7.6716, -12.7700 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 108.5610, -7.6716, -12.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

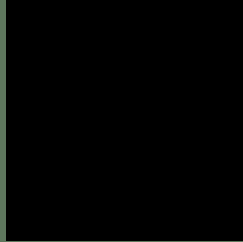
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.5610, -7.6716, -12.7700

Background



This preview shows how black text looks on a background with the YUV color 108.5610, -7.6716, -12.7700.



This preview shows how white text looks on a background with the YUV color 108.5610, -7.6716, -12.7700.

-12.7700.

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

108.5610, -7.6716, -12.7700

Protanopia

111.5850, -10.6414, 6.5030

Deuteranopia

112.7970, -8.7739, 14.2100



Tritanopia

111.2420, 6.2897, -10.7362

Trichromacy



Original Color

108.5610, -7.6716, -12.7700

Protanomaly

110.7690, -9.7461, -0.6744

Deuteranomaly

111.1440, -8.4520, 4.2587

Tritanomaly

109.9770, 1.4903, -11.3808

Monochromacy



Original Color

108.5610, -7.6716, -12.7700

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1690, -3.0413, -4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5610, -7.6716, -12.7700 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, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(94, 119, 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(94, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 93) }
```

Border

The CSS property to change the border of an element to YUV 108.5610, -7.6716, -12.7700 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, 119, 93) }
```


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

```
.border{ border-color:rgb(94, 119, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 119, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 108.5610, -7.6716, -12.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 93) }
```

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

```
.background{ background-color: rgb(94, 119,  
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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