

Converting Colors

YUV(107.4790, 0.2569, 10.9809)

Have a look what the booklet for
YUV(107.4790, 0.2569, 10.9809)
contains.

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Color

**YUV(107.4790, 0.2569,
10.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	78656C
RGB	120, 101, 108
RGB Percent	47%, 40%, 42%
CMY	0.5294, 0.6039, 0.5765
CMYK	0.00, 0.16, 0.10, 0.53
HSL	338°, 9%, 43%
HSV	338°, 16%, 47%
XYZ	15.1062, 14.3831, 16.1674
YIQ	107.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

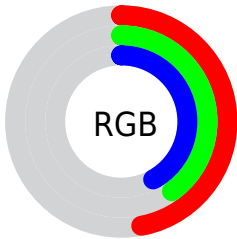
Format	Color
R_{YB}	120, 101, 108
Decimal	7890284
CIE _{Lab}	44.78, 8.87, -1.12
CIE _{LCh}	45, 8.936, 352.813
Yxy	14.3831, 0.3309, 0.3150
Android (android.graphics.Color)	4286080364 (0xFF78656C)
YUV	107.4790, 0.2569, 10.9809
Hunter-Lab	37.9251, 4.7305, 1.2724

Details

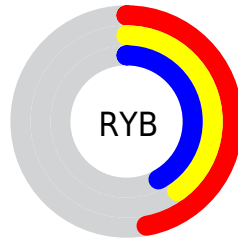
The YUV color **107.4790, 0.2569, 10.9809** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.5210, -0.2569, -10.9809**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7780, 0.1094, 11.5957**, and **59.8810, 0.5517, 9.7514** is the 20% darker color. If you saturate the color by 10%, you get **99.5230, 0.2352, 17.9583**, and if you desaturate by 10%, it is **115.4350, 0.2785, 4.0035**.

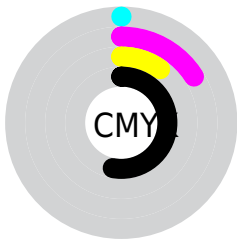
Distribution



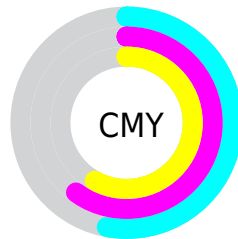
- Red (47%)
- Green (40%)
- Blue (42%)



- Red (47%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4790, 0.2569, 10.9809 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 107.4790, 0.2569, 10.9809 by changing the saturation by 10% instead.

■ 107.4790, 0.2569,
10.9809

■ 107.4790, 0.2569,
10.9809

255.0000, 0.0000,
0.0000

■ 83.1800, 0.4043,
10.3661

■ 158.7780, 0.1094,
11.5957

■ 59.8810, 0.5517,
9.7514

■ 186.0770, -0.0380,
12.2105

■ 38.4680, 0.2623,
9.2366

■ 213.4900, 0.2514,
12.7253

■ 16.8810, 0.5517,
9.7514

■ 241.1910, 0.3988,
12.1105

■ 0.0000, 0.0000,
0.0000

■ 107.4790, 0.2569,

■ 107.4790, 0.2569,

10.9809

10.9809

■ 99.5230, 0.2352,
17.9583

■ 115.4350, 0.2785,
4.0035

■ 91.6810, 0.6503,
24.8358

■ 123.2770, -0.1366,
-2.8739

■ 83.7250, 0.6286,
31.8132

■ 131.2330, -0.1149,
-9.8513

■ 75.8830, 1.0437,
38.6906

■ 139.0750, -0.5300,
-16.7288

■ 67.9270, 1.0220,
45.6680

■ 147.0310, -0.5083,
-23.7062

■ 60.0850, 1.4371,
52.5455

■ 154.8730, -0.9234,
-30.5836

■ 52.1290, 1.4154,
59.5229

■ 162.8290, -0.9017,
-37.5610

■ 44.1730, 1.3937,
66.5003

■ 170.7850, -0.8800,
-44.5384

■ 40.8960, 1.5303,
69.3742

■ 178.6270, -1.2951,
-51.4159

Harmonies

Analogous

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



107.0700, 3.9095, 6.0776



107.4790, 0.2569, 10.9809



107.1650, -3.5323, 13.0103

Triad

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



107.4790, 0.2569, 10.9809



104.9910, -6.4046, 0.8849



103.9320, 6.4425, -13.0954

Complementary

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



107.4790, 0.2569, 10.9809



113.5210, -0.2569, -10.9809

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.



103.2370, 3.8272, -14.2398



107.4790, 0.2569, 10.9809



104.0440, -3.4727, -6.1776

Square

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



107.4790, 0.2569, 10.9809



106.0950, -7.4418, 6.9327



103.3360, 0.3274, -11.6957



105.1930, 7.2999, -8.0623

Rectangle

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



107.4790, 0.2569, 10.9809



106.9970, -5.4215, 12.2806



103.3360, 0.3274, -11.6957



104.1060, 5.8637, -14.1250

Sweetspot

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



107.4790, 0.2569, 10.9809



150.7340, 0.1311, 4.6183



106.7540, 6.5303, 5.4777



75.7230, 0.1366, 2.8739



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.



107.4790, 0.2569, 10.9809



136.2240, 0.3826, 17.3436



107.8550, -3.3795, 10.6512



57.0220, -0.0108, 3.4887



42.6190, 1.6668, 72.2481



85.9500, 3.4756, 145.6259

Inverse Universe

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



107.4790, 0.2569, 10.9809



136.2240, 0.3826, 17.3436



113.1450, 3.3795, -10.6512



57.0220, -0.0108, 3.4887



42.6190, 1.6668, 72.2481



85.9500, 3.4756, 145.6259

Previews

White Background



This preview shows how the YUV color 107.4790, 0.2569, 10.9809 looks on a white background.

Color Contrast Check

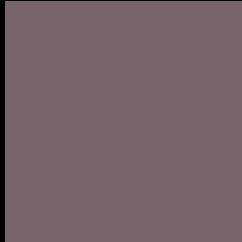
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4790, 0.2569, 10.9809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

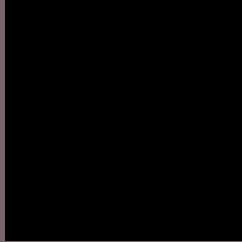
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4790, 0.2569, 10.9809

Background



This preview shows how black text looks on a background with the YUV color 107.4790, 0.2569, 10.9809.



This preview shows how white text looks on a background with the YUV color 107.4790, 0.2569,

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

107.4790, 0.2569, 10.9809

Protanopia

106.2820, 2.3260, 0.6297

Deuteranopia

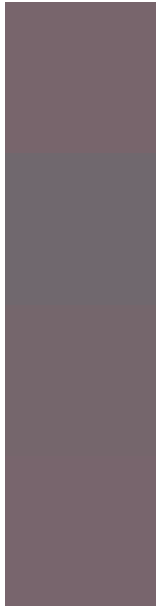
107.1580, 0.4151, 6.8774



Tritanopia

107.5930, 0.6937, 10.8809

Trichromacy



Original Color

107.4790, 0.2569, 10.9809

Protanomaly

107.0760, 1.4415, 4.3183

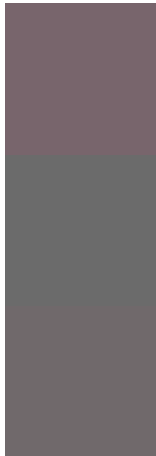
Deuteranomaly

107.1690, 0.4097, 8.6218

Tritanomaly

107.5930, 0.6937, 10.8809

Monochromacy



Original Color

107.4790, 0.2569, 10.9809

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3210, -0.1583, 4.1035

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4790, 0.2569, 10.9809 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(120, 101, 108)` looks like.

```
.text, #text, p{  
    color:rgb(120, 101, 108)  
}
```

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(120, 101, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 101, 108) }
```

Border

The CSS property to change the border of an element to YUV 107.4790, 0.2569, 10.9809 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(120, 101, 108) }
```


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

```
.border{ border-color:rgb(120, 101, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 101, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 101, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 101, 108);  
box-shadow:4px 4px 4px 4px rgb(120, 101,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 107.4790, 0.2569, 10.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 101, 108) }
```

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

```
.background{ background-color: rgb(120,  
101, 108) }
```

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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