

Converting Colors

YUV(107.9890, 3.4564, 11.4106)

Have a look what the booklet for
YUV(107.9890, 3.4564, 11.4106)
contains.

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Color

**YUV(107.9890, 3.4564,
11.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	796473
RGB	121, 100, 115
RGB Percent	47%, 39%, 45%
CMY	0.5255, 0.6078, 0.5490
CMYK	0.00, 0.17, 0.05, 0.53
HSL	317°, 10%, 43%
HSV	317°, 17%, 47%
XYZ	15.5368, 14.4171, 18.1836
YIQ	107.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

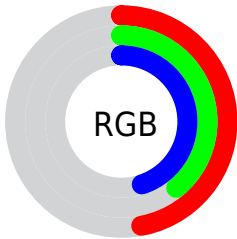
Format	Color
R_{YB}	121, 100, 115
Decimal	7955571
CIE Lab	44.83, 11.21, -5.27
CIE LCh	45, 12.385, 334.834
Yxy	14.4171, 0.3228, 0.2995
Android (android.graphics.Color)	4286145651 (0xFF796473)
YUV	107.9890, 3.4564, 11.4106
Hunter-Lab	37.9699, 6.5930, -1.8148

Details

The YUV color **107.9890, 3.4564, 11.4106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.0110, -3.4564, -11.4106**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4020, 3.7458, 11.9254**, and **60.2770, 3.3144, 10.2811** is the 20% darker color. If you saturate the color by 10%, you get **100.6030, 5.6187, 17.8882**, and if you desaturate by 10%, it is **115.3750, 1.2941, 4.9331**.

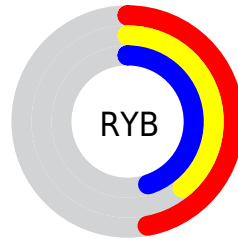
Distribution



Red (47%)

Green (39%)

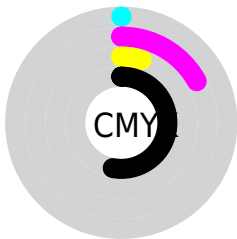
Blue (45%)



Red (47%)

Yellow (39%)

Blue (45%)

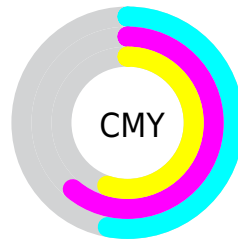


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (53%)



Cyan (53%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9890, 3.4564, 11.4106 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 107.9890, 3.4564, 11.4106 by changing the saturation by 10% instead.

■ 107.9890, 3.4564,
11.4106

■ 107.9890, 3.4564,
11.4106

255.0000, 0.0000,
0.0000

■ 83.5760, 3.1670,
10.8958

■ 159.4020, 3.7458,
11.9254

■ 60.2770, 3.3144,
10.2811

■ 186.7010, 3.5984,
12.5402

■ 38.8640, 3.0250,
9.7663

■ 214.1140, 3.8878,
13.0550

■ 16.6900, 3.6038,
10.7959

■ 241.6300, 4.6194,
11.7255

■ 0.0000, 0.0000,
0.0000

■ 107.9890, 3.4564,

■ 107.9890, 3.4564,

11.4106

11.4106

100.6030, 5.6187,
17.8882

115.3750, 1.2941,
4.9331

93.1030, 7.3442,
24.4657

122.8750, -0.4314,
-1.6444

85.7170, 9.5065,
30.9432

130.2610, -2.5937,
-8.1219

78.2170, 11.2320,
37.5207

137.7610, -4.3192,
-14.6994

70.2440, 13.6837,
44.5130

145.7340, -6.7709,
-21.6917

62.7440, 15.4092,
51.0905

153.2340, -8.4964,
-28.2692

55.3580, 17.5715,
57.5680

160.6200,
-10.6587, -34.7467

47.8580, 19.2970,
64.1455

168.1200,
-12.3842, -41.3242

■ 45.9830, 19.7284,
65.7899

■ 175.5060,
-14.5465, -47.8018

Harmonies

Analogous

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



107.3730, 7.7041, 2.3039



107.9890, 3.4564, 11.4106



108.0560, -1.5066, 16.6139

Triad

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



107.9890, 3.4564, 11.4106



105.5140, -9.6204, 5.6882



102.1160, 7.3378, -20.2727

Complementary

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



107.9890, 3.4564, 11.4106



113.0110, -3.4564, -11.4106

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.



102.1610, 2.3856, -18.5582



107.9890, 3.4564, 11.4106



104.3280, -7.5567, -2.9187

Square

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



107.9890, 3.4564, 11.4106



106.3840, -9.0633, 13.6952



102.8260, -2.8722, -12.1254



103.5340, 10.0897, -16.2543

Rectangle

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



107.9890, 3.4564, 11.4106



107.5570, -4.7116, 17.9285



102.8260, -2.8722, -12.1254



102.3610, 5.7380, -20.4876

Sweetspot

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



107.9890, 3.4564, 11.4106



153.0760, 1.4415, 4.3183



104.1880, 8.2883, 1.5891



75.9510, 1.0102, 2.6740



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.



107.9890, 3.4564, 11.4106



137.6030, 5.6187, 17.8882



106.8490, -0.9116, 12.4104



57.2500, 0.8628, 3.2887



47.5210, 20.4491, 67.9491



95.8680, 41.4771, 136.9278

Inverse Universe

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



107.9890, 3.4564, 11.4106



137.6030, 5.6187, 17.8882



114.1510, 0.9116, -12.4104



57.2500, 0.8628, 3.2887



47.5210, 20.4491, 67.9491



95.8680, 41.4771, 136.9278

Previews

White Background



This preview shows how the YUV color 107.9890, 3.4564, 11.4106 looks on a white background.

Color Contrast Check

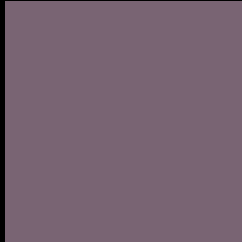
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.9890, 3.4564, 11.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

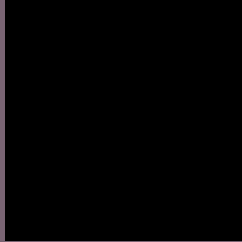
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.9890, 3.4564, 11.4106

Background



This preview shows how black text looks on a background with the YUV color 107.9890, 3.4564, 11.4106.



This preview shows how white text looks on a background with the YUV color 107.9890, 3.4564,

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

107.9890, 3.4564, 11.4106

Protanopia

106.1830, 5.8258, -1.9145

Deuteranopia

107.2440, 3.3307, 5.0480



Tritanopia

107.5930, 0.6937, 10.8809

Trichromacy



Original Color

107.9890, 3.4564, 11.4106

Protanomaly

106.6890, 5.0833, 2.9037

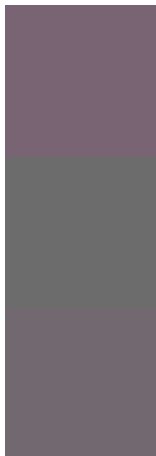
Deuteranomaly

107.5540, 3.1779, 7.4071

Tritanomaly

107.8210, 1.5672, 10.6810

Monochromacy



Original Color

107.9890, 3.4564, 11.4106

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9890, 3.4564, 11.4106 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(121, 100, 115)` looks like.

```
.text, #text, p{  
    color:rgb(121, 100, 115)  
}
```

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(121, 100, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 100, 115) }
```

Border

The CSS property to change the border of an element to YUV 107.9890, 3.4564, 11.4106 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(121, 100, 115) }
```


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

```
.border{ border-color:rgb(121, 100, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 100, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 100, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 100, 115); box-shadow:4px 4px 4px 4px rgb(121, 100, 115) }
```

Background

The CSS property to change the background color of an element to YUV 107.9890, 3.4564, 11.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 100, 115) }
```

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

```
.background{ background-color: rgb(121,  
100, 115) }
```

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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