

Converting Colors

YUV(90.8990, 13.3608, 7.9816)

Have a look what the booklet for
YUV(90.8990, 13.3608, 7.9816)
contains.

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Color

**YUV(90.8990, 13.3608,
7.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	645176
RGB	100, 81, 118
RGB Percent	39%, 32%, 46%
CMY	0.6078, 0.6824, 0.5373
CMYK	0.15, 0.31, 0.00, 0.54
HSL	271°, 19%, 39%
HSV	271°, 31%, 46%
XYZ	11.4680, 9.9022, 18.4464
YIQ	90.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

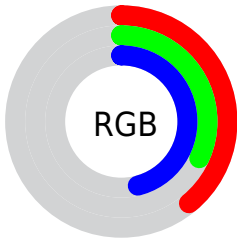
Format	Color
R_{YB}	100, 81, 118
Decimal	6574454
CIE _{Lab}	37.67, 15.75, -18.14
CIE _{LCh}	38, 24.021, 310.968
Yxy	9.9022, 0.2880, 0.2487
Android (android.graphics.Color)	4284764534 (0xFF645176)
YUV	90.8990, 13.3608, 7.9816
Hunter-Lab	31.4677, 9.9832, -12.7284

Details

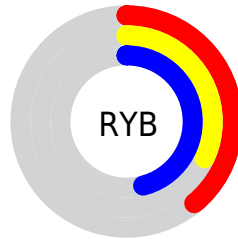
The YUV color **90.8990, 13.3608, 7.9816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.1010, -13.3608, -7.9816**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8390, 14.3764, 8.9112**, and **44.9590, 12.3452, 7.0520** is the 20% darker color. If you saturate the color by 10%, you get **82.0610, 17.7179, 10.4705**, and if you desaturate by 10%, it is **99.7370, 9.0037, 5.4927**.

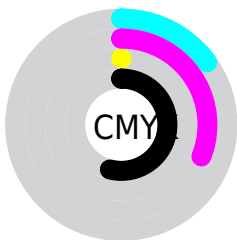
Distribution



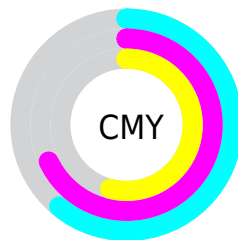
- Red (39%)
- Green (32%)
- Blue (46%)



- Red (39%)
- Yellow (32%)
- Blue (46%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (54%)



- Cyan (61%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8990, 13.3608, 7.9816 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 90.8990, 13.3608, 7.9816 by changing the saturation by 10% instead.

■ 90.8990, 13.3608,
7.9816

■ 90.8990, 13.3608,
7.9816

■ 255.0000, 0.0000,
0.0000

■ 67.3720, 12.6346,
7.5668

■ 140.8390, 14.3764,
8.9112

■ 44.9590, 12.3452,
7.0520

■ 167.9530, 14.8132,
8.8112

■ 23.7200, 11.4770,
5.5076

■ 195.3660, 15.1026,
9.3260

■ 2.9640, 11.3567,
-2.5994

■ 222.7790, 15.3920,
9.8408

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.3409,
7.7220

90.8990, 13.3608,
7.9816

90.8990, 13.3608,
7.9816

82.0610, 17.7179,
10.4705

99.7370, 9.0037,
5.4927

73.5220, 21.9277,
13.5742

108.2760, 4.7939,
2.3889

65.2710, 25.9954,
15.5483

116.5270, 0.7262,
0.4148

56.4330, 30.3525,
18.0373

125.3650, -3.6309,
-2.0741

47.5950, 34.7097,
20.5262

134.2030, -7.9881,
-4.5630

39.0560, 38.9194,
23.6299


142.7420,
-12.1978, -7.6667

31.6910, 42.5503,
25.7040

151.5800,
-16.5549, -10.1557

159.8310,

-20.6227, -12.1298

 168.6690,
-24.9798, -14.6187

Harmonies

Analogous

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



87.6620, 19.3936, -13.7356



90.8990, 13.3608, 7.9816



91.2340, 5.3076, 24.3508

Triad

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



90.8990, 13.3608, 7.9816



88.1370, -17.8155, 20.9279



74.6240, 10.0454, -48.7822

Complementary

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



90.8990, 13.3608, 7.9816



108.1010, -13.3608, -7.9816

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.



80.7270, -2.8234, -27.8246



90.8990, 13.3608, 7.9816



86.6360, -18.0615, 6.4582

Square

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



90.8990, 13.3608, 7.9816



89.2720, -12.4591, 29.5795



84.3180, -12.4818, -9.9259



70.7070, 20.8504, -61.1330

Rectangle

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



90.8990, 13.3608, 7.9816



90.3720, -0.6764, 30.3688



84.3180, -12.4818, -9.9259



77.2290, 5.8031, -41.4198

Sweetspot

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



90.8990, 13.3608, 7.9816



142.6890, 5.0833, 2.9037



95.7840, 10.9525, -12.9656



70.2220, 3.3416, 1.5593



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.



90.8990, 13.3608, 7.9816



110.5820, 20.9121, 12.6446



96.2810, 10.7075, 19.0476



54.5810, 2.1786, 1.2445



32.7450, 44.0027, 26.5336



66.7720, 90.3314, 53.6970

Inverse Universe

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



94.1150, 2.4083, 20.9471



115.5340, 3.6807, 32.8577



102.7190, -10.7075, -19.0476



55.1360, 0.4260, 3.3887



43.3180, 8.2242, 69.0041



88.6580, 16.4376, 141.4969

Previews

White Background



This preview shows how the YUV color 90.8990, 13.3608, 7.9816 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 ✓ Pass

Black Background



This preview shows how the YUV color 90.8990, 13.3608, 7.9816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 90.8990, 13.3608, 7.9816

Background



This preview shows how black text looks on a background with the YUV color 90.8990, 13.3608, 7.9816.



This preview shows how white text looks on a background with the YUV color 90.8990, 13.3608,

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

90.8990, 13.3608, 7.9816

Protanopia

89.0000, 16.7620, -9.6470

Deuteranopia

88.9250, 13.8410, -6.0732



Tritanopia

89.7880, 1.5835, 5.4479

Trichromacy



Original Color

90.8990, 13.3608, 7.9816

Protanomaly

89.4030, 15.5773, -2.9844

Deuteranomaly

89.8440, 13.3879, -0.7402

Tritanomaly

89.9390, 5.9461, 6.1925

Monochromacy



Original Color

90.8990, 13.3608, 7.9816

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6890, 5.0833, 2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8990, 13.3608, 7.9816 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(100, 81, 118)` looks like.

```
.text, #text, p{  
    color:rgb(100, 81, 118)  
}
```

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(100, 81, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 81, 118) }
```

Border

The CSS property to change the border of an element to YUV 90.8990, 13.3608, 7.9816 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(100, 81, 118) }
```


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

```
.border{ border-color:rgb(100, 81, 118) }
```

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

Here you see how a box with a 4 pixel rgb(100, 81, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 81, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 81, 118);  
box-shadow:4px 4px 4px 4px rgb(100, 81,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 90.8990, 13.3608, 7.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 81, 118) }
```

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

```
.background{ background-color: rgb(100, 81,  
118) }
```

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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