

Converting Colors

YUV(81.7480, 8.9982, 7.2370)

Have a look what the booklet for
YUV(81.7480, 8.9982, 7.2370)
contains.

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Color

**YUV(81.7480, 8.9982,
7.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4A64
RGB	90, 74, 100
RGB Percent	35%, 29%, 39%
CMY	0.6471, 0.7098, 0.6078
CMYK	0.10, 0.26, 0.00, 0.61
HSL	277°, 15%, 34%
HSV	277°, 26%, 39%
XYZ	8.9655, 7.9913, 13.1265
YIQ	81.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

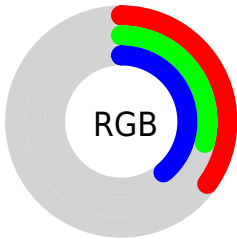
Format	Color
R_{YB}	90, 74, 100
Decimal	5917284
CIE _{Lab}	33.96, 12.24, -12.65
CIE _{LCh}	34, 17.605, 314.045
Yxy	7.9913, 0.2980, 0.2656
Android (android.graphics.Color)	4284107364 (0xFF5A4A64)
YUV	81.7480, 8.9982, 7.2370
Hunter-Lab	28.2689, 7.1406, -7.7428

Details

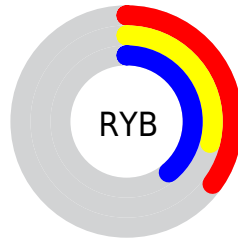
The YUV color **81.7480, 8.9982, 7.2370** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **92.2520, -8.9982, -7.2370**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2750, 9.7244, 7.6518**, and **36.8080, 7.9827, 6.3074** is the 20% darker color. If you saturate the color by 10%, you get **74.6820, 12.4818, 9.9259**, and if you desaturate by 10%, it is **88.8140, 5.5147, 4.5481**.

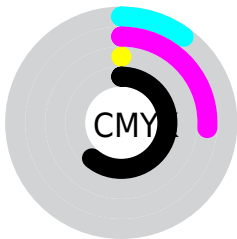
Distribution



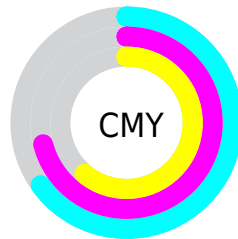
- Red (35%)
- Green (29%)
- Blue (39%)



- Red (35%)
- Yellow (29%)
- Blue (39%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (61%)



- Cyan (65%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7480, 8.9982, 7.2370 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 81.7480, 8.9982, 7.2370 by changing the saturation by 10% instead.

81.7480, 8.9982,
7.2370

81.7480, 8.9982,
7.2370

255.0000, 0.0000,
0.0000

58.3350, 8.7088,
6.7222

131.2750, 9.7244,
7.6518

36.8080, 7.9827,
6.3074

157.6880, 10.0138,
8.1666

14.3460, 8.7034,
8.4666

184.1010, 10.3032,
8.6814

0.5700, 2.1840,
-0.4999

212.1010, 10.3032,
8.6814

0.0000, 0.0000,
0.0000

239.7160, 7.5350,
9.8961

81.7480, 8.9982,
7.2370

81.7480, 8.9982,
7.2370

74.6820, 12.4818,
9.9259

88.8140, 5.5147,
4.5481

67.6160, 15.9653,
12.6148

95.8800, 2.0312,
1.8592

60.5500, 19.4489,
15.3037

102.9460, -1.4524,
-0.8296

53.7830, 22.7850,
18.6073

109.7130, -4.7885,
-4.1333

46.7170, 26.2685,
21.2962

116.7790, -8.2720,
-6.8222

39.6510, 29.7521,
23.9851

123.8450,
-11.7556, -9.5111

32.5850, 33.2356,
26.6740


130.9110,
-15.2391, -12.1999

29.9380, 34.5406,

137.9770,

28.1184

-18.7227, -14.8888

 145.0430,
-22.2062, -17.5777

Harmonies

Analogous

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



79.8000, 13.4096, -7.7176



81.7480, 8.9982, 7.2370



81.9190, 2.9979, 18.4880

Triad

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



81.7480, 8.9982, 7.2370



79.3580, -12.9945, 14.5950



72.8220, 6.4968, -30.5389

Complementary

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



81.7480, 8.9982, 7.2370



92.2520, -8.9982, -7.2370

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.



74.5260, -1.2453, -20.6323



81.7480, 8.9982, 7.2370



78.4060, -12.5252, 4.0289

Square

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



81.7480, 8.9982, 7.2370



80.6130, -9.6692, 21.3874



76.6540, -8.7034, -8.4666



72.5320, 13.0487, -32.0386

Rectangle

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



81.7480, 8.9982, 7.2370



81.3880, -1.6703, 22.4617



76.6540, -8.7034, -8.4666



73.1490, 3.8705, -28.1947

Sweetspot

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



81.7480, 8.9982, 7.2370



122.9340, 3.4835, 2.6889



82.8340, 8.4628, -7.7474



61.8800, 2.0312, 1.8592



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



81.7480, 8.9982, 7.2370



102.0350, 13.7867, 11.3703



84.3960, 6.2138, 13.6847



47.4670, 1.7418, 1.3444



34.3390, 39.7659, 32.1517



72.1390, 83.7415, 67.4071

Inverse Universe

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



82.9140, 0.5354, 14.9844



103.6700, 0.6557, 23.0914



89.6040, -6.2138, -13.6847



47.7230, 0.1366, 2.8739



39.4010, 2.2673, 66.3003



82.9600, 4.9497, 139.4781

Previews

White Background



This preview shows how the YUV color 81.7480, 8.9982, 7.2370 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 81.7480, 8.9982, 7.2370 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 81.7480, 8.9982, 7.2370

Background



This preview shows how black text looks on a background with the YUV color 81.7480, 8.9982, 7.2370.



This preview shows how white text looks on a background with the YUV color 81.7480, 8.9982, 7.2370.

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

81.7480, 8.9982, 7.2370

Protanopia

80.3550, 11.6570, -5.5733

Deuteranopia

80.3940, 9.1728, -2.0995



Tritanopia

80.6740, 1.1467, 5.5479

Trichromacy



Original Color

81.7480, 8.9982, 7.2370

Protanomaly

80.8610, 10.9145, -0.7551

Deuteranomaly

81.0030, 8.8725, 0.8744

Tritanomaly

81.0700, 3.9095, 6.0776

Monochromacy



Original Color

81.7480, 8.9982, 7.2370

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7480, 8.9982, 7.2370 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(90, 74, 100)` looks like.

```
.text, #text, p{  
    color:rgb(90, 74, 100)  
}
```

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(90, 74, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 74, 100) }
```

Border

The CSS property to change the border of an element to YUV 81.7480, 8.9982, 7.2370 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(90, 74, 100) }
```


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

```
.border{ border-color:rgb(90, 74, 100) }
```

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

Here you see how a box with a 4 pixel rgb(90, 74, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 74, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 74, 100);  
box-shadow:4px 4px 4px 4px rgb(90, 74,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 81.7480, 8.9982, 7.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 74, 100) }
```

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

```
.background{ background-color: rgb(90, 74,  
100) }
```

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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