

Converting Colors

YUV(158.6490, 12.4980, 4.6928)

Have a look what the booklet for
YUV(158.6490, 12.4980, 4.6928)
contains.

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Color

**YUV(158.6490, 12.4980,
4.6928)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A497B8 |
| RGB | 164, 151, 184 |
| RGB Percent | 64%, 59%, 72% |
| CMY | 0.3569, 0.4078, 0.2784 |
| CMYK | 0.11, 0.18, 0.00, 0.28 |
| HSL | 264°, 19%, 66% |
| HSV | 264°, 18%, 72% |
| XYZ | 35.0282, 33.4864, 49.9647 |
| YIQ | 158.6490, -2.8450, 13.0190 |

Conversions

Conversions Part 2

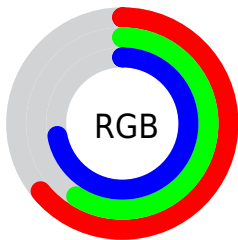
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 164, 151, 184 |
| Decimal | 10786744 |
| CIELab | 64.55, 11.27, -15.38 |
| CIELCh | 65, 19.066, 306.228 |
| Yxy | 33.4864, 0.2956, 0.2826 |
| Android (android.graphics.Color) | 4288976824 (0xFFA497B8) |
| YUV | 158.6490, 12.4980, 4.6928 |
| Hunter-Lab | 57.8675, 6.7811, -10.6858 |

Details

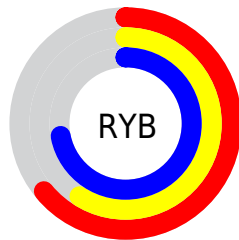
The YUV color **158.6490, 12.4980, 4.6928** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **176.3510, -12.4980, -4.6928**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1760, 13.2242, 5.1076**, and **107.1220, 11.7719, 4.2780** is the 20% darker color. If you saturate the color by 10%, you get **144.7940, 19.3286, 7.1967**, and if you desaturate by 10%, it is **172.5040, 5.6675, 2.1890**.

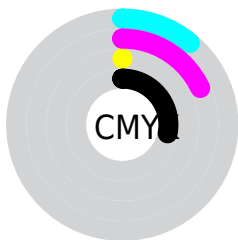
Distribution



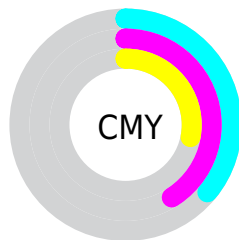
- Red (64%)
- Green (59%)
- Blue (72%)



- Red (64%)
- Yellow (59%)
- Blue (72%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6490, 12.4980, 4.6928 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 158.6490, 12.4980, 4.6928 by changing the saturation by 10% instead.

■ 158.6490, 12.4980,
4.6928

■ 158.6490, 12.4980,
4.6928

■ 255.0000, 0.0000,
0.0000

■ 132.5350, 12.0612,
4.7928

■ 213.1760, 13.2242,
5.1076

■ 107.1220, 11.7719,
4.2780

■ 239.9930, 7.3985,
7.0221

■ 82.7090, 11.4825,
3.7632

■ 59.4810, 10.6089,
3.9632

■ 37.6550, 10.0301,
2.9336

■ 16.6660, 10.0247,
4.6779

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 158.6490, 12.4980,
4.6928

■ 158.6490, 12.4980,
4.6928

■ 144.7940, 19.3286,
7.1967

■ 172.5040, 5.6675,
2.1890

■ 130.3520, 26.4485,
10.2153

■ 186.9460, -1.4524,
-0.8296

■ 116.4970, 33.2790,
12.7191

■ 200.8010, -8.2829,
-3.3335

■ 101.7560, 40.5463,
15.1230

■ 215.5420,
-15.5502, -5.7373

■ 87.9010, 47.3768,
17.6268

■ 229.3970,
-22.3807, -8.2412

■ 74.0460, 54.2073,
20.1307

■ 239.7300,
-27.4749, -7.6562

■ 59.6040, 61.3272,
23.1493

■ 243.0190,
-29.0964, -0.8937

■ 45.7490, 68.1577,
25.6531

■ 246.3080,
-30.7178, 5.8689

■ 42.5040, 69.7575,
25.8680

■ 246.9060,
-31.0127, 7.0984

Harmonies

Analogous

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



155.9780, 16.7728, -13.1357



158.6490, 12.4980, 4.6928



159.6140, 5.6133, 19.6325

Triad

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



158.6490, 12.4980, 4.6928



157.4190, -15.4896, 21.5575



149.7680, 5.0444, -31.3685

Complementary

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



158.6490, 12.4980, 4.6928



176.3510, -12.4980, -4.6928

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.



151.3150, -4.5923, -20.4473



158.6490, 12.4980, 4.6928



155.8150, -16.1778, 8.9322

Square

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



158.6490, 12.4980, 4.6928



158.4290, -10.5645, 28.5648



153.7530, -12.2032, -5.9224



149.8090, 12.9122, -34.9125

Rectangle

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



158.6490, 12.4980, 4.6928



159.7520, -0.3707, 25.6505



153.7530, -12.2032, -5.9224



149.9810, 1.9814, -28.9243

Sweetspot

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



158.6490, 12.4980, 4.6928



230.5640, 4.6519, 1.2594



166.5020, 8.6265, -13.5953



114.3960, 2.7628, 0.5297



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



158.6490, 12.4980, 4.6928



199.3210, 20.0547, 7.6115



163.4330, 10.1395, 14.5293



84.9230, 3.4890, 0.9445



36.0230, 59.1487, 21.9048



6.4810, 10.6089, 3.9632

Inverse Universe

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



163.1470, 3.8715, 18.2881



206.4950, 6.1650, 29.3839



171.5670, -10.1395, -14.5293



86.2610, 0.8573, 5.0331



57.3600, 18.0635, 86.5073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 158.6490, 12.4980, 4.6928 looks on a white background.

Color Contrast Check

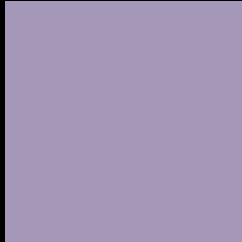
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.6490, 12.4980, 4.6928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

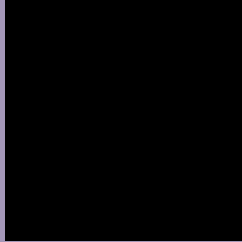
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6490, 12.4980, 4.6928

Background



This preview shows how black text looks on a background with the YUV color 158.6490, 12.4980, 4.6928.



This preview shows how white text looks on a background with the YUV color 158.6490, 12.4980,

4.6928.

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

158.6490, 12.4980, 4.6928

Protanopia

157.1530, 14.7146, -6.2732

Deuteranopia

158.3280, 12.6563, 0.5893



Tritanopia

157.4610, 4.2097, 3.1037

Trichromacy



Original Color

158.6490, 12.4980, 4.6928

Protanomaly

157.9470, 13.8301, -2.5845

Deuteranomaly

158.3390, 12.6509, 2.3337

Tritanomaly

157.9710, 7.4093, 3.5334

Monochromacy



Original Color

158.6490, 12.4980, 4.6928

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6490, 12.4980, 4.6928 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(164, 151, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 151, 184)  
}
```

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(164, 151, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 151, 184) }
```

Border

The CSS property to change the border of an element to YUV 158.6490, 12.4980, 4.6928 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(164, 151, 184) }
```


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

```
.border{ border-color:rgb(164, 151, 184) }
```

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

Here you see how a box with a 4 pixel rgb(164, 151, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 151, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 151, 184);  
box-shadow:4px 4px 4px 4px rgb(164, 151,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 158.6490, 12.4980, 4.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 151, 184) }
```

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

```
.background{ background-color: rgb(164,  
151, 184) }
```

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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