

Converting Colors

YUV(158.4940, 24.4065,
11.8448)

Have a look what the booklet for
YUV(158.4940, 24.4065, 11.8448)
contains.

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Color

**YUV(158.4940, 24.4065,
11.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8ED0
RGB	172, 142, 208
RGB Percent	67%, 56%, 82%
CMY	0.3255, 0.4431, 0.1843
CMYK	0.17, 0.32, 0.00, 0.18
HSL	267°, 41%, 69%
HSV	267°, 32%, 82%
XYZ	38.0714, 32.6707, 63.9740
YIQ	158.4940, -3.3060, 26.8860

Conversions

Conversions Part 2

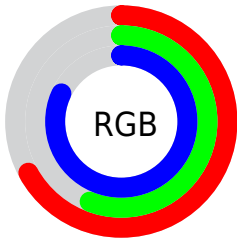
Format	Color
R _Y B	172, 142, 208
Decimal	11308752
CIE _{Lab}	63.89, 24.20, -29.76
CIE _{LCh}	64, 38.364, 309.119
Yxy	32.6707, 0.2826, 0.2425
Android (android.graphics.Color)	4289498832 (0xFFAC8ED0)
YUV	158.4940, 24.4065, 11.8448
Hunter-Lab	57.1583, 18.8664, -26.3491

Details

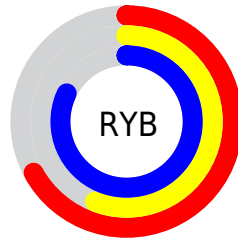
The YUV color **158.4940, 24.4065, 11.8448** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.5060, -24.4065, -11.8448**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2940, 21.0541, 13.7742**, and **106.4400, 22.9541, 11.0151** is the 20% darker color. If you saturate the color by 10%, you get **142.8780, 32.1051, 15.8930**, and if you desaturate by 10%, it is **174.1100, 16.7078, 7.7965**.

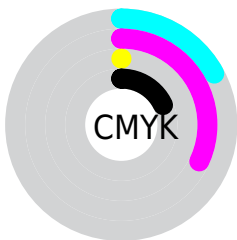
Distribution



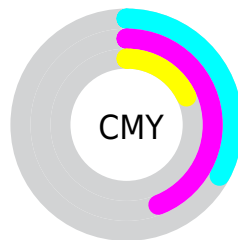
- Red (67%)
- Green (56%)
- Blue (82%)



- Red (67%)
- Yellow (56%)
- Blue (82%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4940, 24.4065, 11.8448 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 158.4940, 24.4065, 11.8448 by changing the saturation by 10% instead.

■ 158.4940, 24.4065,
11.8448

■ 158.4940, 24.4065,
11.8448

255.0000, 0.0000,
0.0000

■ 131.9670, 23.6803,
11.4299

■ 212.2940, 21.0541,
13.7742

■ 106.4400, 22.9541,
11.0151

■ 236.8030, 8.9711,
15.9588

■ 82.2010, 22.0859,
9.4707

■ 253.8260, 0.5788,
1.0296

■ 58.3750, 21.5071,
8.4411

■ 35.5490, 20.9283,
7.4115

■ 12.7340, 20.3441,
8.1263

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 158.4940, 24.4065,
11.8448

■ 158.4940, 24.4065,
11.8448

■ 142.8780, 32.1051,
15.8930

■ 174.1100, 16.7078,
7.7965

■ 126.9630, 39.9512,
19.3264

■ 190.0250, 8.8617,
4.3631

■ 111.9340, 47.3605,
22.8599

■ 205.0540, 1.4524,
0.8296

■ 96.3180, 55.0592,
26.9081

■ 220.6700, -6.2463,
-3.2186

80.4030, 62.9053,
30.3416

236.5850,
-14.0924, -6.6520

64.7870, 70.6040,
34.3898

245.1570,
-18.3184, -4.5227

52.1170, 76.8503,
37.6084

248.4460,
-19.9399, 2.2399

249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



152.4720, 34.2773, -27.6009



158.4940, 24.4065, 11.8448



159.0110, 10.3476, 41.2094

Triad

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



158.4940, 24.4065, 11.8448



153.8050, -30.9629, 37.8820



125.0310, 19.2117, -95.6202

Complementary

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



158.4940, 24.4065, 11.8448



191.5060, -24.4065, -11.8448

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.



140.4980, -5.6685, -48.6717



158.4940, 24.4065, 11.8448



151.3090, -32.1973, 13.7610

Square

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



158.4940, 24.4065, 11.8448



155.5370, -20.9707, 53.0261



146.8260, -23.0852, -15.6334



122.8350, 36.5633, -107.7263

Rectangle

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



158.4940, 24.4065, 11.8448



158.2160, -0.5995, 52.4306



146.8260, -23.0852, -15.6334



133.0460, 9.8373, -75.4623

Sweetspot

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



158.4940, 24.4065, 11.8448



236.1390, 9.2985, 4.2631



170.6560, 18.4106, -25.1313



115.9170, 5.9569, 2.7038



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



158.4940, 24.4065, 11.8448



182.2140, 35.8835, 17.3523



168.3610, 19.5420, 32.1324



96.7490, 4.0677, 1.9741



42.1750, 62.0317, 30.5415



10.3550, 15.1080, 7.5817

Inverse Universe

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



165.8380, 5.9959, 36.9761



193.0450, 8.8518, 54.3345



181.6390, -19.5420, -32.1324



97.9730, 0.9993, 6.1627



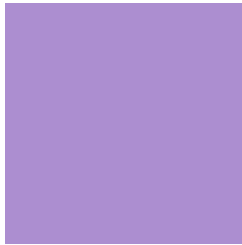
60.7200, 15.4210, 94.0846



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 158.4940, 24.4065, 11.8448 looks on a white background.

Color Contrast Check

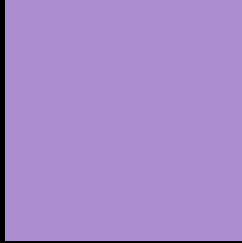
Large Text (above 18pt) WCAG AA × Fail

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 158.4940, 24.4065, 11.8448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

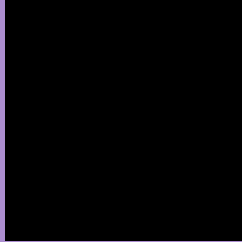
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.4940, 24.4065, 11.8448

Background



This preview shows how black text looks on a background with the YUV color 158.4940, 24.4065, 11.8448.



This preview shows how white text looks on a background with the YUV color 158.4940, 24.4065, 11.8448.

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

158.4940, 24.4065, 11.8448

Protanopia

155.0990, 30.0242, -16.7498

Deuteranopia

155.7530, 24.7718, -12.0614



Tritanopia

156.2550, 3.3253, 6.7924

Trichromacy



Original Color

158.4940, 24.4065, 11.8448

Protanomaly

156.2960, 27.9551, -6.3986

Deuteranomaly

156.8080, 24.7447, -3.3396

Tritanomaly

157.2150, 10.7400, 8.5814

Monochromacy



Original Color

158.4940, 24.4065, 11.8448

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0250, 8.8617, 4.3631

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4940, 24.4065, 11.8448 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(172, 142, 208)` looks like.

```
.text, #text, p{  
    color:rgb(172, 142, 208)  
}
```

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(172, 142, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 142, 208) }
```

Border

The CSS property to change the border of an element to YUV 158.4940, 24.4065, 11.8448 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(172, 142, 208) }
```


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

```
.border{ border-color:rgb(172, 142, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 142, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 142, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 142, 208);  
box-shadow:4px 4px 4px 4px rgb(172, 142,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 158.4940, 24.4065, 11.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 142, 208) }
```

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

```
.background{ background-color: rgb(172,  
142, 208) }
```

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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