

Converting Colors

YUV(158.9660, 18.7508,
52.6498)

Have a look what the booklet for
YUV(158.9660, 18.7508, 52.6498)
contains.

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Color

**YUV(158.9660, 18.7508,
52.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	DB79C5
RGB	219, 121, 197
RGB Percent	86%, 47%, 77%
CMY	0.1412, 0.5255, 0.2275
CMYK	0.00, 0.45, 0.10, 0.14
HSL	313°, 58%, 67%
HSV	313°, 45%, 86%
XYZ	46.1288, 32.7660, 56.7165
YIQ	158.9660, 34.0120, 44.4120

Conversions

Conversions Part 2

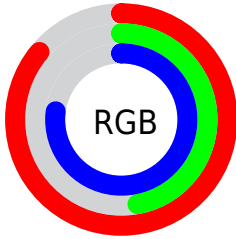
Format	Color
RYB	219, 121, 197
Decimal	14383557
CIELab	63.97, 48.23, -23.04
CIELCh	64, 53.448, 334.464
Yxy	32.7660, 0.3402, 0.2416
Android (android.graphics.Color)	4292573637 (0xFFDB79C5)
YUV	158.9660, 18.7508, 52.6498
Hunter-Lab	57.2416, 43.6735, -18.6770

Details

The YUV color **158.9660, 18.7508, 52.6498** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **181.0340, -18.7508, -52.6498**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5130, 22.4251, 40.7691**, and **104.6560, 18.9036, 50.2907** is the 20% darker color. If you saturate the color by 10%, you get **145.4820, 22.9334, 64.4753**, and if you desaturate by 10%, it is **172.4500, 14.5682, 40.8244**.

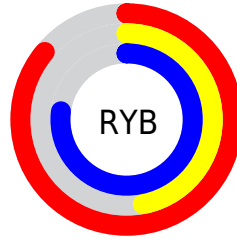
Distribution



Red (86%)

Green (47%)

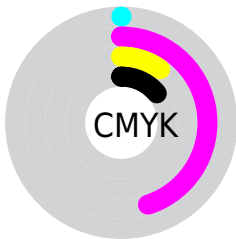
Blue (77%)



Red (86%)

Yellow (47%)

Blue (77%)

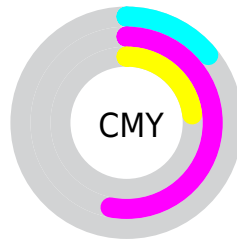


Cyan (0%)

Magenta (45%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9660, 18.7508, 52.6498 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 158.9660, 18.7508, 52.6498 by changing the saturation by 10% instead.

158.9660, 18.7508,
52.6498

158.9660, 18.7508,
52.6498

255.0000, 0.0000,
0.0000

131.3680, 19.0456,
51.4203

208.5130, 22.4251,
40.7691

104.6560, 18.9036,
50.2907

225.0630, 14.7589,
26.2547

77.4710, 19.4878,
49.5759

242.0860, 6.3666,
11.3256

46.8890, 22.2397,
53.5943

32.0850, 18.1991,
42.8985

21.9880, 11.8379,
29.8285

11.8200, 6.4977,

15.9439

■ 0.0000, 0.0000,
0.0000

■ 158.9660, 18.7508,
52.6498

■ 158.9660, 18.7508,
52.6498

■ 145.4820, 22.9334,
64.4753

■ 172.4500, 14.5682,
40.8244

■ 131.9980, 27.1160,
76.3008

■ 185.9340, 10.3855,
28.9989

■ 118.5140, 31.2986,
88.1262

■ 199.4180, 6.2029,
17.1734

■ 105.0300, 35.4812,
99.9517

■ 212.9020, 2.0203,
5.3479

■ 92.1330, 39.3744,
111.2624

■ 226.3860, -2.1623,
-6.4775

■ 84.8610, 41.9735,
117.6399

■ 239.1690, -6.4923,
-17.6882

■ 241.5000, -5.1765,
-19.7325

■ 242.0700, -2.9925,
-20.2324

■ 242.6400, -0.8085,
-20.7323

Harmonies

Analogous

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



158.7890, 37.0790, 7.2010



158.9660, 18.7508, 52.6498



155.7890, -2.8540, 75.6070

Triad

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



158.9660, 18.7508, 52.6498



149.4660, -47.0647, 22.3933



127.6110, 39.6318, -111.9148

Complementary

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



158.9660, 18.7508, 52.6498



181.0340, -18.7508, -52.6498

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.



123.4270, 18.5235, -108.2455



158.9660, 18.7508, 52.6498



144.1990, -35.5941, -16.8375

Square

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



158.9660, 18.7508, 52.6498



152.7440, -41.7788, 53.7215



131.3400, -9.5346, -68.7042



127.7370, 55.3457, -112.0253

Rectangle

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



158.9660, 18.7508, 52.6498



153.9020, -17.6997, 77.2619



131.3400, -9.5346, -68.7042



126.4880, 32.7904, -110.9300

Sweetspot

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



158.9660, 18.7508, 52.6498



234.8310, 6.4923, 17.6882



138.4510, 39.7107, 3.1125



115.1030, 3.8932, 11.3107



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.



158.9660, 18.7508, 52.6498



170.4600, 26.3952, 74.1416



153.4940, -2.2155, 57.4488



103.2010, 1.8729, 5.9627



67.0030, 33.0295, 92.9594



17.8580, 8.9440, 24.6805

Inverse Universe

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



158.9660, 18.7508, 52.6498



170.4600, 26.3952, 74.1416



186.5060, 2.2155, -57.4488



103.2010, 1.8729, 5.9627



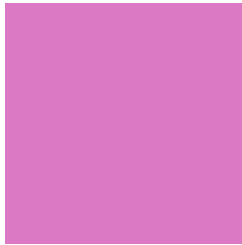
67.0030, 33.0295, 92.9594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 158.9660, 18.7508, 52.6498 looks on a white background.

Color Contrast Check

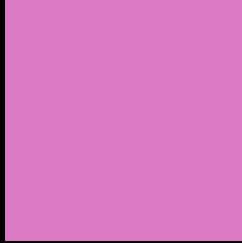
Large Text (above 18pt) WCAG AA × Fail

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 158.9660, 18.7508, 52.6498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

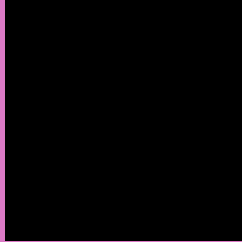
Any Text WCAG AA ✓ Pass

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 158.9660, 18.7508, 52.6498 Background



This preview shows how black text looks on a background with the YUV color 158.9660, 18.7508, 52.6498.



This preview shows how white text looks on a background with the YUV color 158.9660, 18.7508,

52.6498.

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

158.9660, 18.7508, 52.6498

Protanopia

155.0710, 32.5030, -18.4793

Deuteranopia

156.5600, 17.4719, -3.9991



Tritanopia

157.9460, -7.8614, 48.2824

Trichromacy



Original Color

158.9660, 18.7508, 52.6498



Protanomaly

156.2700, 27.4749, 7.6562



Deuteranomaly

157.5070, 17.9910, 16.2184



Tritanomaly

158.4760, 1.7373, 49.5715

Monochromacy



Original Color

158.9660, 18.7508, 52.6498



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.9560, 6.9237, 19.3326

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9660, 18.7508, 52.6498 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(219, 121, 197)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 197)  
}
```

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(219, 121, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 197) }
```

Border

The CSS property to change the border of an element to YUV 158.9660, 18.7508, 52.6498 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(219, 121, 197) }
```


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

```
.border{ border-color:rgb(219, 121, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 121, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 121, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 121, 197);  
box-shadow:4px 4px 4px 4px rgb(219, 121,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 158.9660, 18.7508, 52.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 197) }
```

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

```
.background{ background-color: rgb(219,  
121, 197) }
```

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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