

Converting Colors

YUV(157.8910, 25.6897,
20.2666)

Have a look what the booklet for
YUV(157.8910, 25.6897, 20.2666)
contains.

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Color

**YUV(157.8910, 25.6897,
20.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	B588D2
RGB	181, 136, 210
RGB Percent	71%, 53%, 82%
CMY	0.2902, 0.4667, 0.1765
CMYK	0.14, 0.35, 0.00, 0.18
HSL	276°, 45%, 68%
HSV	276°, 35%, 82%
XYZ	39.4931, 32.0852, 65.0843
YIQ	157.8910, 3.0660, 32.5540

Conversions

Conversions Part 2

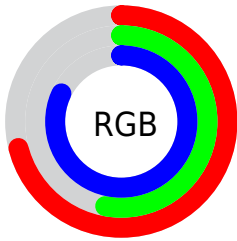
Format	Color
R _Y B	181, 136, 210
Decimal	11897042
CIE Lab	63.41, 30.81, -31.56
CIE LCh	63, 44.100, 314.312
Yxy	32.0852, 0.2890, 0.2348
Android (android.graphics.Color)	4290087122 (0xFFB588D2)
YUV	157.8910, 25.6897, 20.2666
Hunter-Lab	56.6438, 25.3267, -28.4741

Details

The YUV color **157.8910, 25.6897, 20.2666** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.1090, -25.6897, -20.2666**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7620, 21.3163, 23.0107**, and **105.5380, 24.3848, 18.8222** is the 20% darker color. If you saturate the color by 10%, you get **143.1720, 32.9462, 26.1592**, and if you desaturate by 10%, it is **172.6100, 18.4333, 14.3740**.

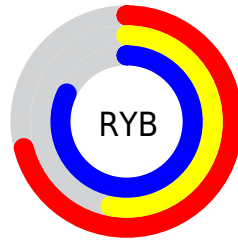
Distribution



Red (71%)

Green (53%)

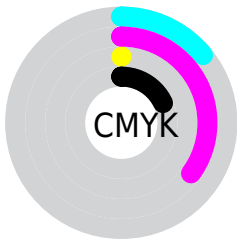
Blue (82%)



Red (71%)

Yellow (53%)

Blue (82%)

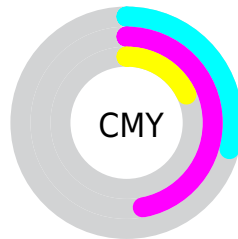


Cyan (14%)

Magenta (35%)

Yellow (0%)

Black (18%)



Cyan (29%)

Magenta (47%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8910, 25.6897, 20.2666 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 157.8910, 25.6897, 20.2666 by changing the saturation by 10% instead.

■ 157.8910, 25.6897,
20.2666

■ 157.8910, 25.6897,
20.2666

255.0000, 0.0000,
0.0000

■ 131.3640, 24.9635,
19.8518

■ 211.7620, 21.3163,
23.0107

■ 105.5380, 24.3848,
18.8222

■ 233.2810, 10.7075,
19.0476

■ 80.7120, 23.8060,
17.7926

■ 250.3040, 2.3151,
4.1184

■ 56.8860, 23.2272,
16.7630

■ 33.0600, 22.6484,
15.7334

■ 15.0550, 20.1859,
12.2298

■ 3.8760, 14.8511,

-3.3993

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 157.8910, 25.6897,
20.2666

■ 157.8910, 25.6897,
20.2666

■ 143.1720, 32.9462,
26.1592

■ 172.6100, 18.4333,
14.3740

■ 128.4530, 40.2027,
32.0517

■ 187.3290, 11.1768,
8.4815

■ 113.4350, 47.6065,
37.3295

■ 202.3470, 3.7729,
3.2037

■ 98.7160, 54.8630,
43.2221

■ 217.0660, -3.4835,
-2.6889

83.9970, 62.1195,
49.1146

231.7850,
-10.7400, -8.5814

69.2780, 69.3759,
55.0072

242.3950,
-15.9707, -10.8704

62.2120, 72.8595,
57.6961

245.0860,
-17.2974, -5.3374

247.4780,
-18.4767, -0.4192

249.8700,
-19.6559, 4.4990

Harmonies

Analogous

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



151.5200, 38.1976, -25.0120



157.8910, 25.6897, 20.2666



157.4360, 9.1521, 51.3606

Triad

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



157.8910, 25.6897, 20.2666



151.6110, -36.7832, 38.0522



121.7460, 24.7752, -106.7712

Complementary

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



157.8910, 25.6897, 20.2666



188.1090, -25.6897, -20.2666

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.



132.3430, -0.6621, -67.8298



157.8910, 25.6897, 20.2666



148.2500, -36.1123, 9.4277

Square

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



157.8910, 25.6897, 20.2666



153.4900, -26.3706, 58.3293



143.2440, -23.7843, -24.7700



123.9750, 40.9313, -108.7261

Rectangle

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



157.8910, 25.6897, 20.2666



155.8860, -3.3948, 62.3670



143.2440, -23.7843, -24.7700



120.1500, 18.6601, -105.3715

Sweetspot

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



157.8910, 25.6897, 20.2666



235.2750, 9.7244, 7.6518



162.0460, 23.6413, -22.8423



115.9280, 5.9515, 4.4481



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.



157.8910, 25.6897, 20.2666



179.6330, 37.1559, 29.2629



165.7640, 18.3573, 38.7950



97.0480, 3.9203, 2.5889



49.6500, 58.3465, 45.9109



12.1490, 14.2235, 11.2703

Inverse Universe

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



161.4320, 1.7590, 42.5941



184.7810, 2.5730, 61.5821



180.2360, -18.3573, -38.7950



97.7450, 0.1257, 6.3626



57.7560, 4.0643, 96.6840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 157.8910, 25.6897, 20.2666 looks on a white background.

Color Contrast Check

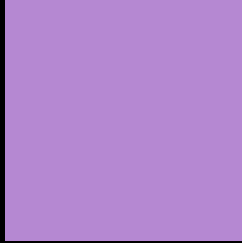
Large Text (above 18pt) WCAG AA × Fail

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 157.8910, 25.6897, 20.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

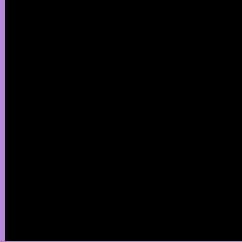
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8910, 25.6897, 20.2666

Background



This preview shows how black text looks on a background with the YUV color 157.8910, 25.6897, 20.2666.



This preview shows how white text looks on a background with the YUV color 157.8910, 25.6897,

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

157.8910, 25.6897, 20.2666

Protanopia

153.1140, 33.9608, -19.3940

Deuteranopia

154.3830, 25.9402, -13.4909



Tritanopia

156.0280, 0.9722, 14.8844

Trichromacy



Original Color

157.8910, 25.6897, 20.2666

Protanomaly

155.1050, 31.0072, -5.3541

Deuteranomaly

155.4600, 25.9022, -1.2804

Tritanomaly

156.7430, 9.9867, 16.8884

Monochromacy



Original Color

157.8910, 25.6897, 20.2666

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8620, 9.4350, 7.1370

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8910, 25.6897, 20.2666 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(181, 136, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 136, 210)  
}
```

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(181, 136, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 136, 210) }
```

Border

The CSS property to change the border of an element to YUV 157.8910, 25.6897, 20.2666 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(181, 136, 210) }
```


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

```
.border{ border-color:rgb(181, 136, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 136, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 136, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 136, 210);  
box-shadow:4px 4px 4px 4px rgb(181, 136,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 157.8910, 25.6897, 20.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 136, 210) }
```

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

```
.background{ background-color: rgb(181,  
136, 210) }
```

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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