

Converting Colors

YUV(158.2210, 11.7230,
19.9772)

Have a look what the booklet for
YUV(158.2210, 11.7230, 19.9772)
contains.

YUV(158.2210, 11.7230, 19.9772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(158.2210, 11.7230,
19.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	B58EB6
RGB	181, 142, 182
RGB Percent	71%, 56%, 71%
CMY	0.2902, 0.4431, 0.2863
CMYK	0.01, 0.22, 0.00, 0.29
HSL	298°, 22%, 64%
HSV	298°, 22%, 71%
XYZ	37.1726, 32.5472, 48.5790
YIQ	158.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

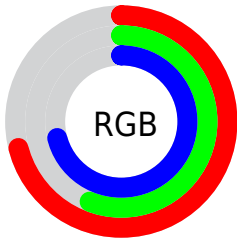
Format	Color
R _Y B	181, 142, 182
Decimal	11898550
CIE Lab	63.79, 21.72, -15.25
CIE LCh	64, 26.536, 324.920
Yxy	32.5472, 0.3142, 0.2751
Android (android.graphics.Color)	4290088630 (0xFFB58EB6)
YUV	158.2210, 11.7230, 19.9772
Hunter-Lab	57.0501, 16.4688, -10.5512

Details

The YUV color **158.2210, 11.7230, 19.9772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.7790, -11.7230, -19.9772**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0470, 12.3018, 21.0068**, and **106.3950, 11.1443, 18.9476** is the 20% darker color. If you saturate the color by 10%, you get **147.6550, 16.9321, 29.2436**, and if you desaturate by 10%, it is **168.7870, 6.5140, 10.7108**.

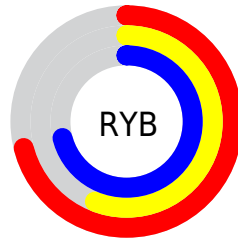
Distribution



Red (71%)

Green (56%)

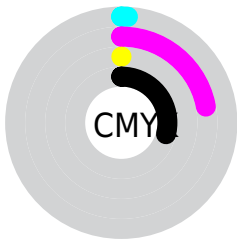
Blue (71%)



Red (71%)

Yellow (56%)

Blue (71%)

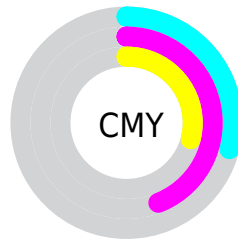


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.2210, 11.7230, 19.9772 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 158.2210, 11.7230, 19.9772 by changing the saturation by 10% instead.


 158.2210, 11.7230,
19.9772

 158.2210, 11.7230,
19.9772


255.0000, 0.0000,
0.0000


 131.8080, 11.4337,
19.4624


 213.0470, 12.3018,
21.0068


 106.3950, 11.1443,
18.9476


 236.8030, 8.9711,
15.9588

 81.6830, 11.0023,
17.8180

 253.8260, 0.5788,
1.0296

 58.8570, 10.4235,
16.7884

 36.1450, 10.2815,
15.6588

 13.8570, 10.4235,
16.7884

 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 158.2210, 11.7230,
19.9772

■ 158.2210, 11.7230,
19.9772

■ 147.6550, 16.9321,
29.2436

■ 168.7870, 6.5140,
10.7108

■ 136.7900, 22.2885,
37.8952

■ 179.6520, 1.1576,
2.0592

■ 125.6370, 27.7870,
47.6764

■ 190.8050, -4.3409,
-7.7220

■ 114.7720, 33.1434,
56.3280

■ 201.6700, -9.6973,
-16.3736

■ 104.2060, 38.3524,
65.5943

■ 212.2360,
-14.9063, -25.6400

■ 93.3410, 43.7089,
74.2459

■ 223.1010,
-20.2628, -34.2916

■ 82.7750, 48.9179,
83.5123

■ 225.4490,
-21.4204, -36.3508

■ 73.6710, 53.4062,
90.6195

■ 225.7480,
-21.5678, -35.7360

Harmonies

Analogous

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



156.2550, 20.0873, -2.8546



158.2210, 11.7230, 19.9772



157.8610, 1.0545, 35.2019

Triad

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



158.2210, 11.7230, 19.9772



153.8610, -22.6095, 18.5389



142.0840, 15.7346, -53.5707

Complementary

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



158.2210, 11.7230, 19.9772



165.7790, -11.7230, -19.9772

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.



144.1320, 2.8929, -41.3348



158.2210, 11.7230, 19.9772



151.1360, -19.7870, -0.1193

Square

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



158.2210, 11.7230, 19.9772



155.5730, -19.0165, 32.8235



148.4090, -10.5546, -21.4067



144.7670, 23.2859, -48.9077

Rectangle

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



158.2210, 11.7230, 19.9772



157.1190, -6.9607, 39.3606



148.4090, -10.5546, -21.4067



142.9550, 11.3612, -50.8265

Sweetspot

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



158.2210, 11.7230, 19.9772



227.6080, 4.6303, 8.2368



147.1470, 17.1825, -4.5139



114.1300, 2.8939, 5.1480



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.



158.2210, 11.7230, 19.9772



200.3070, 18.0896, 31.3028



156.3540, 3.2765, 22.4915



86.7170, 2.6045, 4.6332



63.2320, 45.7346, 77.8495



11.2650, 8.2504, 13.7996

Inverse Universe

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



154.0740, -5.4595, 24.4911



193.7660, -8.2656, 37.9162



167.6460, -3.2765, -22.4915



85.6910, -1.3267, 5.5330



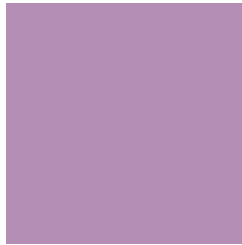
47.1000, -21.2483, 95.5053



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 158.2210, 11.7230, 19.9772 looks on a white background.

Color Contrast Check

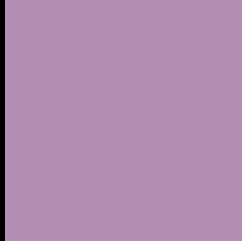
Large Text (above 18pt) WCAG AA × Fail

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 158.2210, 11.7230, 19.9772 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 158.2210, 11.7230, 19.9772

Background



This preview shows how black text looks on a background with the YUV color 158.2210, 11.7230, 19.9772.



This preview shows how white text looks on a background with the YUV color 158.2210, 11.7230,

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

158.2210, 11.7230, 19.9772

Protanopia

155.1250, 17.1934, -8.0026

Deuteranopia

156.3990, 11.6353, 1.4041



Tritanopia

156.9360, 0.5246, 18.4731

Trichromacy



Original Color

158.2210, 11.7230, 19.9772

Protanomaly

156.3220, 15.1243, 2.3486

Deuteranomaly

157.1440, 11.7610, 7.7667

Tritanomaly

157.6740, 4.5977, 18.7029

Monochromacy



Original Color

158.2210, 11.7230, 19.9772

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2210, 11.7230, 19.9772 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, 142, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 142, 182)  
}
```

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, 142, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 142, 182) }
```

Border

The CSS property to change the border of an element to YUV 158.2210, 11.7230, 19.9772 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, 142, 182) }
```


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

```
.border{ border-color:rgb(181, 142, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 142, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 142, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 142, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 142,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 158.2210, 11.7230, 19.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 142, 182) }
```

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

```
.background{ background-color: rgb(181,  
142, 182) }
```

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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