

Converting Colors

YUV(108.8020, 61.2296,
54.5476)

Have a look what the booklet for
YUV(108.8020, 61.2296, 54.5476)
contains.

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Color

**YUV(108.8020, 61.2296,
54.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	AB35E9
RGB	171, 53, 233
RGB Percent	67%, 21%, 91%
CMY	0.3294, 0.7922, 0.0863
CMYK	0.27, 0.77, 0.00, 0.09
HSL	279°, 80%, 56%
HSV	279°, 77%, 91%
XYZ	32.7757, 17.0873, 78.6615
YIQ	108.8020, 12.5480, 80.9960

Conversions

Conversions Part 2

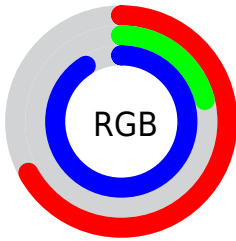
Format	Color
R_{YB}	171, 53, 233
Decimal	11220457
CIE _{Lab}	48.37, 73.17, -68.48
CIE _{LCh}	48, 100.212, 316.897
Yxy	17.0873, 0.2550, 0.1329
Android (android.graphics.Color)	4289410537 (0xFFAB35E9)
YUV	108.8020, 61.2296, 54.5476
Hunter-Lab	41.3368, 69.1920, -83.8896

Details

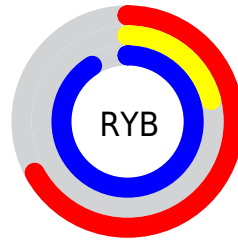
The YUV color **108.8020, 61.2296, 54.5476** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **177.1980, -61.2296, -54.5476**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8830, 44.9207, 58.8616**, and **53.5520, 60.3669, 51.2589** is the 20% darker color. If you saturate the color by 10%, you get **92.9090, 69.0649, 61.4698**, and if you desaturate by 10%, it is **124.6950, 53.3944, 47.6255**.

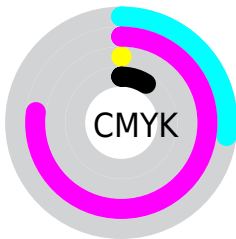
Distribution



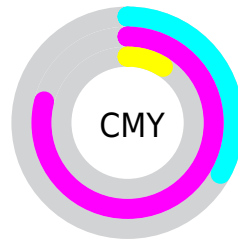
- Red (67%)
- Green (21%)
- Blue (91%)



- Red (67%)
- Yellow (21%)
- Blue (91%)



- Cyan (27%)
- Magenta (77%)
- Yellow (0%)
- Black (9%)





- Cyan (33%)
- Magenta (79%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.8020, 61.2296, 54.5476 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 108.8020, 61.2296, 54.5476 by changing the saturation by 10% instead.


 108.8020, 61.2296,
54.5476


 108.8020, 61.2296,
54.5476


255.0000, 0.0000,
0.0000


 71.5840, 65.2811,
61.7548


 163.8830, 44.9207,
58.8616


 53.5520, 60.3669,
51.2589


 188.0820, 32.9906,
58.6871


 41.8030, 52.8481,
36.1298


 204.5180, 24.8876,
44.2727

 29.1570, 45.7716,
19.1563

 221.5410, 16.4953,
29.3435

 16.0270, 39.4267,
0.8533

 239.1510, 7.8136,
13.8996

 8.0940, 31.0127,
-7.0984

 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 108.8020, 61.2296,
54.5476

■ 108.8020, 61.2296,
54.5476

■ 92.9090, 69.0649,
61.4698

■ 124.6950, 53.3944,
47.6255

■ 76.4290, 77.1895,
68.9068

■ 141.1750, 45.2697,
40.1885

■ 72.3090, 79.2207,
70.7660

■ 157.0680, 37.4345,
33.2664

■ 172.9610, 29.5992,
26.3442

■ 189.4410, 21.4746,
18.9072

■ 205.3340, 13.6393,
11.9851

■ 221.2270, 5.8041,
5.0629

■ 237.1200, -2.0312,
-1.8592

■ 248.9040, -7.8407,
-5.1778

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



108.8020, 61.2296, 54.5476



89.5440, 32.7628, 131.9499

Triad

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



108.8020, 61.2296, 54.5476



108.3560, -53.4195, 54.0618



104.7570, 28.2208, -91.8719

Complementary

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



108.8020, 61.2296, 54.5476



177.1980, -61.2296, -54.5476

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.



93.4370, -10.0754, -81.9442



108.8020, 61.2296, 54.5476



102.3670, -50.4669, -6.4609

Square

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



108.8020, 61.2296, 54.5476



87.2330, -43.0059, 120.8217



81.5930, -40.2253, -71.5571



113.0620, 62.5804, -99.1554

Rectangle

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



108.8020, 61.2296, 54.5476



87.3460, 6.2384, 146.1556



81.5930, -40.2253, -71.5571



100.8640, 15.8430, -88.4577

Sweetspot

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



108.8020, 61.2296, 54.5476



214.3870, 20.0222, 18.0776



110.5010, 60.3920, -50.4284



102.9810, 12.3344, 10.5407



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.



108.8020, 61.2296, 54.5476



91.3630, 80.6730, 71.5956



124.2620, 40.2968, 95.3632



109.3470, 3.7729, 3.2037



56.2150, 61.5190, 55.0624



16.6210, 18.4278, 16.1184

Inverse Universe

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



113.8880, 0.5482, 104.4612



98.2110, 0.8820, 137.5040



161.7380, -40.2968, -95.3632



109.7450, 0.1257, 6.3626



61.1870, 0.4008, 105.0760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 108.8020, 61.2296, 54.5476 looks on a white background.

Color Contrast Check

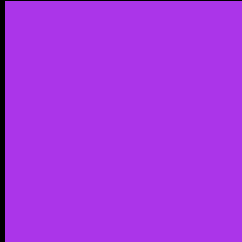
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.8020, 61.2296, 54.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

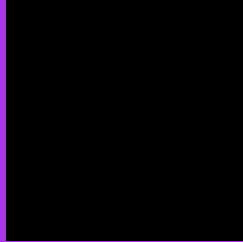
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.8020, 61.2296, 54.5476 Background



This preview shows how black text looks on a background with the YUV color 108.8020, 61.2296, 54.5476.



This preview shows how white text looks on a background with the YUV color 108.8020, 61.2296,

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

108.8020, 61.2296, 54.5476

Protanopia

91.9470, 70.5251, -80.6375

Deuteranopia

92.6360, 55.3955, -81.2418



Tritanopia

116.8620, -3.8760, 29.9390

Trichromacy



Original Color

108.8020, 61.2296, 54.5476



Protanomaly

98.0440, 67.0263, -31.6106



Deuteranomaly

98.2260, 57.5696, -31.7702



Tritanomaly

114.1060, 19.6677, 38.4950

Monochromacy



Original Color

108.8020, 61.2296, 54.5476



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.2670, 22.0534, 19.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8020, 61.2296, 54.5476 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(171, 53, 233)` looks like.

```
.text, #text, p{  
    color:rgb(171, 53, 233)  
}
```

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(171, 53, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 53, 233) }
```

Border

The CSS property to change the border of an element to YUV 108.8020, 61.2296, 54.5476 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(171, 53, 233) }
```


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

```
.border{ border-color:rgb(171, 53, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 53, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 53, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 53, 233);  
box-shadow:4px 4px 4px 4px rgb(171, 53,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 108.8020, 61.2296, 54.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 53, 233) }
```

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

```
.background{ background-color: rgb(171, 53,  
233) }
```

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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