

Converting Colors

YUV(116.9710, 21.2133,
56.1534)

Have a look what the booklet for
YUV(116.9710, 21.2133, 56.1534)
contains.

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Color

**YUV(116.9710, 21.2133,
56.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	B54CA0
RGB	181, 76, 160
RGB Percent	71%, 30%, 63%
CMY	0.2902, 0.7020, 0.3725
CMYK	0.00, 0.58, 0.12, 0.29
HSL	312°, 42%, 50%
HSV	312°, 58%, 71%
XYZ	27.9857, 17.5307, 35.1665
YIQ	116.9710, 35.6160, 48.3840

Conversions

Conversions Part 2

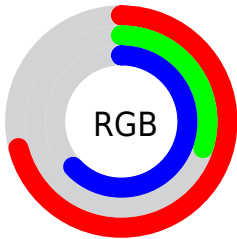
Format	Color
R_{YB}	181, 76, 160
Decimal	11881632
CIE _{Lab}	48.92, 52.80, -25.29
CIE _{LCh}	49, 58.543, 334.410
Yxy	17.5307, 0.3469, 0.2173
Android (android.graphics.Color)	4290071712 (0xFFB54CA0)
YUV	116.9710, 21.2133, 56.1534
Hunter-Lab	41.8697, 46.0373, -20.4891

Details

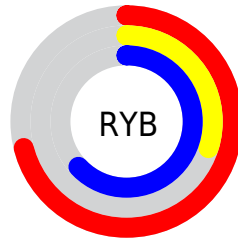
The YUV color **116.9710, 21.2133, 56.1534** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **140.0290, -21.2133, -56.1534**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2810, 21.0605, 58.5126**, and **58.4920, 24.4074, 58.3275** is the 20% darker color. If you saturate the color by 10%, you get **105.9490, 24.6751, 65.8197**, and if you desaturate by 10%, it is **127.9930, 17.7515, 46.4871**.

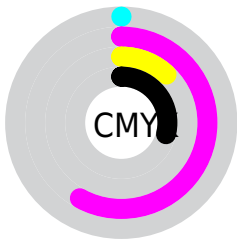
Distribution



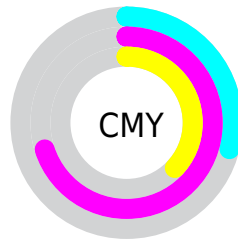
- Red (71%)
- Green (30%)
- Blue (63%)



- Red (71%)
- Yellow (30%)
- Blue (63%)



- Cyan (0%)
- Magenta (58%)
- Yellow (12%)
- Black (29%)



- Cyan (29%)
- Magenta (70%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9710, 21.2133, 56.1534 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 116.9710, 21.2133, 56.1534 by changing the saturation by 10% instead.

■ 116.9710, 21.2133,
56.1534

■ 116.9710, 21.2133,
56.1534

■ 255.0000, 0.0000,
0.0000

■ 89.1990, 22.0869,
55.9535

■ 172.2810, 21.0605,
58.5126

■ 58.4920, 24.4074,
58.3275

■ 196.6930, 22.8294,
51.1352

■ 38.8780, 22.2451,
51.8500

■ 214.4970, 19.9680,
35.5211

■ 28.3680, 15.5946,
38.2653

■ 230.9330, 11.8650,
21.1068

■ 18.9830, 9.3754,
26.3249

■ 247.9560, 3.4727,
6.1776

■ 3.5040, 5.6675,
2.1890

■ 0.0000, 0.0000,

0.0000

■ 116.9710, 21.2133,
56.1534

■ 116.9710, 21.2133,
56.1534

■ 105.9490, 24.6751,
65.8197

■ 127.9930, 17.7515,
46.4871

■ 95.0410, 28.5738,
75.3860

■ 138.9010, 13.8528,
36.9208

■ 84.0190, 32.0356,
85.0523

■ 149.9230, 10.3910,
27.2545

■ 73.1110, 35.9343,
94.6187

■ 160.8310, 6.4923,
17.6882

■ 70.6490, 36.6550,
96.7778

■ 172.4400, 2.7411,
7.5071

■ 183.4620, -0.7208,
-2.1592

■ 194.3700, -4.6194,
-11.7255

■ 205.3920, -8.0813,
-21.3918

■ 216.4140,
-11.5431, -31.0581

Harmonies

Analogous

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



118.7610, 39.5578, 5.4716



116.9710, 21.2133, 56.1534



110.9190, 0.0399, 80.7550

Triad

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



116.9710, 21.2133, 56.1534



107.8590, -53.1745, 22.0487



100.5000, 34.7565, -88.1385

Complementary

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



116.9710, 21.2133, 56.1534



140.0290, -21.2133, -56.1534

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.



95.5010, 13.0640, -83.7544



116.9710, 21.2133, 56.1534



102.3360, -40.0986, -18.7117

Square

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



116.9710, 21.2133, 56.1534



110.7180, -45.7100, 54.6213



87.9260, -8.3445, -77.1111



100.9680, 51.7808, -88.5489

Rectangle

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



116.9710, 21.2133, 56.1534



110.0920, -15.8214, 81.4803



87.9260, -8.3445, -77.1111



99.3770, 27.9151, -87.1536

Sweetspot

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



116.9710, 21.2133, 56.1534



210.6080, 8.0813, 21.3918



94.2490, 42.7682, 2.4126



103.0430, 4.9088, 12.2403



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



116.9710, 21.2133, 56.1534



134.3830, 33.3352, 88.2411



111.0430, -1.5002, 61.3523



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Inverse Universe

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



116.9710, 21.2133, 56.1534



134.3830, 33.3352, 88.2411



146.0710, 1.9370, -61.4523



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 116.9710, 21.2133, 56.1534 looks on a white background.

Color Contrast Check

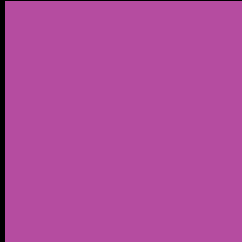
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9710, 21.2133, 56.1534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

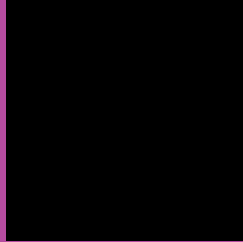
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.9710, 21.2133, 56.1534 Background



This preview shows how black text looks on a background with the YUV color 116.9710, 21.2133, 56.1534.



This preview shows how white text looks on a background with the YUV color 116.9710, 21.2133, 56.1534.

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

116.9710, 21.2133, 56.1534

Protanopia

114.4060, 37.7608, -24.9121

Deuteranopia

117.3530, 18.0670, -8.2026



Tritanopia

117.2020, -9.4666, 49.8118

Trichromacy



Original Color

116.9710, 21.2133, 56.1534

Protanomaly

115.3990, 31.8483, 4.9121

Deuteranomaly

117.4360, 19.0121, 15.4036

Tritanomaly

117.1990, 1.8739, 52.4455

Monochromacy



Original Color

116.9710, 21.2133, 56.1534

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8960, 7.9393, 20.2622

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9710, 21.2133, 56.1534 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, 76, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 76, 160)  
}
```

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, 76, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 76, 160) }
```

Border

The CSS property to change the border of an element to YUV 116.9710, 21.2133, 56.1534 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, 76, 160) }
```


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

```
.border{ border-color:rgb(181, 76, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 76, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 76, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 76, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 76,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 116.9710, 21.2133, 56.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 76, 160) }
```

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

```
.background{ background-color: rgb(181, 76,  
160) }
```

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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