

Converting Colors

YUV(119.1790, 56.1138,
62.1100)

Have a look what the booklet for
YUV(119.1790, 56.1138, 62.1100)
contains.

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Color

**YUV(119.1790, 56.1138,
62.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	BE3DE9
RGB	190, 61, 233
RGB Percent	75%, 24%, 91%
CMY	0.2549, 0.7608, 0.0863
CMYK	0.18, 0.74, 0.00, 0.09
HSL	285°, 80%, 58%
HSV	285°, 74%, 91%
XYZ	37.6119, 20.1678, 79.0012
YIQ	119.1790, 21.6720, 80.8400

Conversions

Conversions Part 2

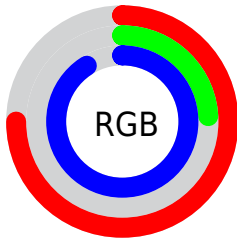
Format	Color
R _{YB}	190, 61, 233
Decimal	12467689
CIE Lab	52.03, 73.87, -62.43
CIE LCh	52, 96.715, 319.797
Yxy	20.1678, 0.2750, 0.1474
Android (android.graphics.Color)	4290657769 (0xFFBE3DE9)
YUV	119.1790, 56.1138, 62.1100
Hunter-Lab	44.9086, 70.9076, -72.8643

Details

The YUV color **119.1790, 56.1138, 62.1100** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **174.8210, -56.1138, -62.1100**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2600, 39.8048, 66.4240**, and **59.5320, 57.4187, 63.5544** is the 20% darker color. If you saturate the color by 10%, you get **103.8840, 63.6542, 70.2617**, and if you desaturate by 10%, it is **134.4740, 48.5733, 53.9583**.

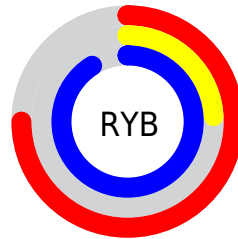
Distribution



Red (75%)

Green (24%)

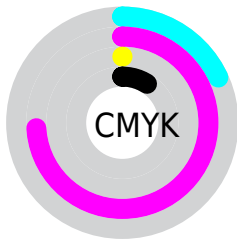
Blue (91%)



Red (75%)

Yellow (24%)

Blue (91%)

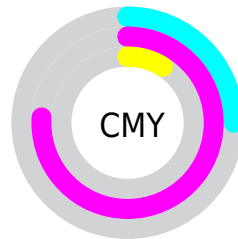


Cyan (18%)

Magenta (74%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (76%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1790, 56.1138, 62.1100 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 119.1790, 56.1138, 62.1100 by changing the saturation by 10% instead.

119.1790, 56.1138,
62.1100

119.1790, 56.1138,
62.1100

255.0000, 0.0000,
0.0000

84.8960, 58.7183,
66.7432

174.2600, 39.8048,
66.4240

59.5320, 57.4187,
63.5544

192.7780, 30.6754,
54.5687

47.7830, 49.9000,
48.4253

209.8010, 22.2831,
39.6395

36.0340, 42.3812,
33.2962

226.8240, 13.8908,
24.7104

24.8120, 35.5887,
18.5819

244.4340, 5.2090,
9.2664

9.4040, 30.8598,
-4.7393

7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 119.1790, 56.1138,
62.1100

■ 119.1790, 56.1138,
62.1100

■ 103.8840, 63.6542,
70.2617

■ 134.4740, 48.5733,
53.9583

■ 88.0020, 71.4840,
78.9282

■ 150.3560, 40.7435,
45.2918

■ 78.8870, 75.9777,
84.2911

■ 165.3520, 33.3505,
36.5253

■ 180.6470, 25.8100,
28.3736

■ 196.5290, 17.9802,
19.7071

■ 211.8240, 10.4398,
11.5554

■ 227.1190, 2.8993,
3.4036

■ 242.4140, -4.6411,
-4.7481

■ 248.6050, -7.6933,
-5.7926

Harmonies

Analogous

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



97.1620, 77.8141, -85.2111



119.1790, 56.1138, 62.1100



92.8330, 31.1413, 138.7125

Triad

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



119.1790, 56.1138, 62.1100



117.4820, -57.9186, 50.4433



112.5650, 32.7525, -98.7195

Complementary

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



119.1790, 56.1138, 62.1100



174.8210, -56.1138, -62.1100

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.



101.4730, -4.6702, -88.9918



119.1790, 56.1138, 62.1100



109.4330, -53.9505, -9.1497

Square

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



119.1790, 56.1138, 62.1100



104.5770, -51.5565, 109.9960



87.4630, -43.1193, -76.7051



119.5990, 64.7807, -104.8883

Rectangle

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



119.1790, 56.1138, 62.1100



87.7590, 6.5278, 146.6704



87.4630, -43.1193, -76.7051



108.6720, 20.3747, -95.3053

Sweetspot

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



119.1790, 56.1138, 62.1100



217.9420, 18.2696, 20.2219



105.8490, 62.6854, -39.3326



105.3510, 11.1660, 11.9702



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.



119.1790, 56.1138, 62.1100



104.7080, 74.0940, 81.8171



127.1340, 30.9929, 92.8445



109.6460, 3.6255, 3.8185



61.2980, 59.0131, 65.5137



18.1160, 17.6908, 19.1923

Inverse Universe

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



117.3300, -6.5717, 101.4426



102.3710, -8.5639, 133.8556



166.8660, -30.9929, -92.8445



109.6310, -0.3111, 6.4626



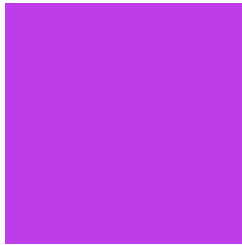
59.2490, -7.0248, 106.7756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 119.1790, 56.1138, 62.1100 looks on a white background.

Color Contrast Check

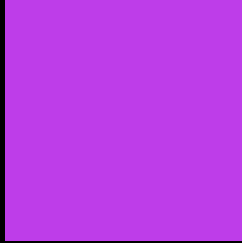
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 119.1790, 56.1138, 62.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

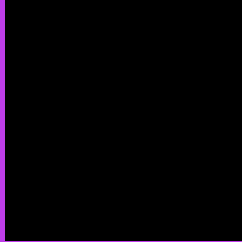
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.1790, 56.1138, 62.1100

Background



This preview shows how black text looks on a background with the YUV color 119.1790, 56.1138, 62.1100.



This preview shows how white text looks on a background with the YUV color 119.1790, 56.1138,

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

119.1790, 56.1138, 62.1100

Protanopia

99.3960, 76.2198, -87.1703

Deuteranopia

108.5390, 55.9363, -68.0017



Tritanopia

126.1300, -6.9661, 41.1050

Trichromacy



Original Color

119.1790, 56.1138, 62.1100



Protanomaly

106.7880, 68.6315, -33.1401



Deuteranomaly

112.2490, 56.0792, -20.3894



Tritanomaly

123.5480, 15.9988, 48.6314

Monochromacy



Original Color

119.1790, 56.1138, 62.1100



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.1210, 20.1533, 22.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1790, 56.1138, 62.1100 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(190, 61, 233)` looks like.

```
.text, #text, p{  
    color:rgb(190, 61, 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(190, 61, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 61, 233) }
```

Border

The CSS property to change the border of an element to YUV 119.1790, 56.1138, 62.1100 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(190, 61, 233) }
```


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

```
.border{ border-color:rgb(190, 61, 233) }
```

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

Here you see how a box with a 4 pixel rgb(190, 61, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 61, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 61, 233);  
box-shadow:4px 4px 4px 4px rgb(190, 61,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 119.1790, 56.1138, 62.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 61, 233) }
```

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

```
.background{ background-color: rgb(190, 61,  
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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