

Converting Colors

YUV(117.2290, 29.9601,
50.6652)

Have a look what the booklet for
YUV(117.2290, 29.9601, 50.6652)
contains.

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Color

**YUV(117.2290, 29.9601,
50.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4CB2
RGB	175, 76, 178
RGB Percent	69%, 30%, 70%
CMY	0.3137, 0.7020, 0.3020
CMYK	0.02, 0.57, 0.00, 0.30
HSL	298°, 40%, 50%
HSV	298°, 57%, 70%
XYZ	28.2995, 17.4972, 44.0052
YIQ	117.2290, 26.2620, 52.7100

Conversions

Conversions Part 2

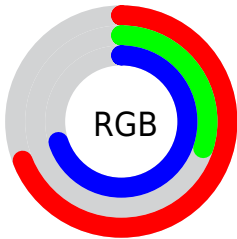
Format	Color
R_{YB}	175, 76, 178
Decimal	11488434
CIE _{Lab}	48.88, 54.22, -36.01
CIE _{LCh}	49, 65.084, 326.411
Yxy	17.4972, 0.3151, 0.1948
Android (android.graphics.Color)	4289678514 (0xFFAF4CB2)
YUV	117.2290, 29.9601, 50.6652
Hunter-Lab	41.8296, 47.5609, -33.0929

Details

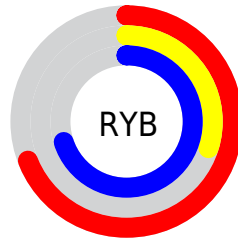
The YUV color **117.2290, 29.9601, 50.6652** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.7710, -29.9601, -50.6652**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6530, 30.2441, 52.9243**, and **58.9350, 32.5700, 53.5540** is the 20% darker color. If you saturate the color by 10%, you get **106.3640, 35.3165, 59.3168**, and if you desaturate by 10%, it is **128.0940, 24.6037, 42.0136**.

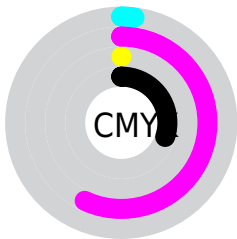
Distribution



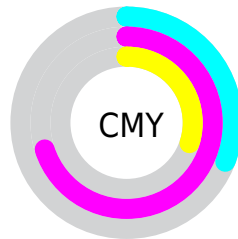
- Red (69%)
- Green (30%)
- Blue (70%)



- Red (69%)
- Yellow (30%)
- Blue (70%)



- Cyan (2%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (70%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2290, 29.9601, 50.6652 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 117.2290, 29.9601, 50.6652 by changing the saturation by 10% instead.

■ 117.2290, 29.9601,
50.6652

■ 117.2290, 29.9601,
50.6652

■ 255.0000, 0.0000,
0.0000

■ 89.3430, 30.3969,
50.5652

■ 172.6530, 30.2441,
52.9243

■ 58.9350, 32.5700,
53.5540

■ 197.4740, 28.3603,
50.4503

■ 39.0930, 29.5342,
47.2764

■ 213.9100, 20.2574,
36.0359

■ 28.2840, 23.0310,
33.0769

■ 230.9330, 11.8650,
21.1068

■ 19.0840, 16.2276,
21.8513

■ 247.9560, 3.4727,
6.1776

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,

0.0000

■ 117.2290, 29.9601,
50.6652

■ 117.2290, 29.9601,
50.6652

■ 106.3640, 35.3165,
59.3168

■ 128.0940, 24.6037,
42.0136

■ 95.7980, 40.5256,
68.5832

■ 138.6600, 19.3946,
32.7472

■ 85.5200, 45.5926,
76.7200

■ 148.9380, 14.3276,
24.6104

■ 74.9540, 50.8017,
85.9863

■ 159.5040, 9.1185,
15.3440

■ 72.0190, 52.2486,
88.5603

■ 170.3690, 3.7621,
6.6924

■ 180.9350, -1.4470,
-2.5740

■ 191.8000, -6.8034,
-11.2256

■ 201.7790,
-11.7230, -19.9772

■ 212.6440,
-17.0795, -28.6288

Harmonies

Analogous

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



114.9740, 49.8058, -14.8862



117.2290, 29.9601, 50.6652



107.5530, 8.6014, 88.0920

Triad

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



117.2290, 29.9601, 50.6652



109.3980, -53.9332, 32.1000



100.8760, 31.1201, -88.4683

Complementary

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



117.2290, 29.9601, 50.6652



136.7710, -29.9601, -50.6652

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.



94.4920, 6.6594, -82.8695



117.2290, 29.9601, 50.6652



102.3560, -50.4615, -8.2052

Square

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



117.2290, 29.9601, 50.6652



109.0940, -45.8953, 67.4466



85.5320, -17.5173, -75.0116



103.5440, 51.4968, -90.8081

Rectangle

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



117.2290, 29.9601, 50.6652



106.1180, -8.4392, 93.7355



85.5320, -17.5173, -75.0116



99.4110, 22.9684, -87.1834

Sweetspot

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



117.2290, 29.9601, 50.6652



208.8080, 11.4337, 19.4624



89.3890, 43.6852, -11.7422



103.4990, 6.6560, 11.8404



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.



117.2290, 29.9601, 50.6652



136.5850, 47.0396, 79.2940



112.6540, 8.5516, 57.3084



83.7170, 2.6045, 4.6332



61.9930, 44.8665, 76.3051



10.4390, 7.6716, 12.7700

Inverse Universe

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



106.8400, -13.7251, 62.4073



120.4100, -21.4011, 97.8644



141.3460, -8.5516, -57.3084



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 117.2290, 29.9601, 50.6652 looks on a white background.

Color Contrast Check

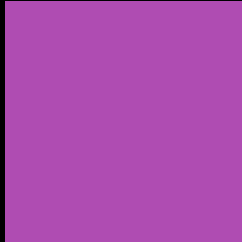
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2290, 29.9601, 50.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

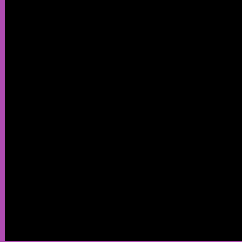
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.2290, 29.9601, 50.6652

Background



This preview shows how black text looks on a background with the YUV color 117.2290, 29.9601, 50.6652.



This preview shows how white text looks on a background with the YUV color 117.2290, 29.9601, 50.6652.

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

117.2290, 29.9601, 50.6652

Protanopia

110.8310, 49.8763, -37.5628

Deuteranopia

115.6920, 27.2668, -19.0239



Tritanopia

117.7280, -7.2609, 42.3345

Trichromacy



Original Color

117.2290, 29.9601, 50.6652



Protanomaly

113.4930, 42.6480, -5.6944



Deuteranomaly

115.9000, 28.6433, 6.2267



Tritanomaly

117.5940, 6.1162, 45.0831

Monochromacy



Original Color

117.2290, 29.9601, 50.6652



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.9820, 10.8549, 18.4328

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2290, 29.9601, 50.6652 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(175, 76, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 76, 178)  
}
```

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(175, 76, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 76, 178) }
```

Border

The CSS property to change the border of an element to YUV 117.2290, 29.9601, 50.6652 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(175, 76, 178) }
```


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

```
.border{ border-color:rgb(175, 76, 178) }
```

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

Here you see how a box with a 4 pixel rgb(175, 76, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 76, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 76, 178);  
box-shadow:4px 4px 4px 4px rgb(175, 76,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 117.2290, 29.9601, 50.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 76, 178) }
```

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

```
.background{ background-color: rgb(175, 76,  
178) }
```

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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