

Converting Colors

YUV(117.2130, 30.9540,
58.5722)

Have a look what the booklet for
YUV(117.2130, 30.9540, 58.5722)
contains.

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Color

**YUV(117.2130, 30.9540,
58.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	B847B4
RGB	184, 71, 180
RGB Percent	72%, 28%, 71%
CMY	0.2784, 0.7216, 0.2941
CMYK	0.00, 0.61, 0.02, 0.28
HSL	302°, 44%, 50%
HSV	302°, 61%, 72%
XYZ	30.2586, 17.9921, 45.0580
YIQ	117.2130, 32.3590, 57.8550

Conversions

Conversions Part 2

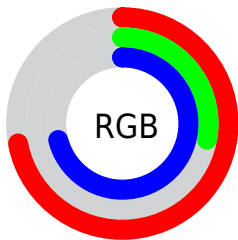
Format	Color
RYB	184, 71, 180
Decimal	12076980
CIELab	49.49, 59.14, -36.13
CIElCh	49, 69.302, 328.577
Yxy	17.9921, 0.3243, 0.1928
Android (android.graphics.Color)	4290267060 (0xFFB847B4)
YUV	117.2130, 30.9540, 58.5722
Hunter-Lab	42.4171, 53.1046, -33.2895

Details

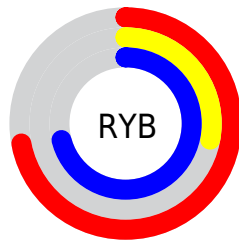
The YUV color **117.2130, 30.9540, 58.5722** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **137.7870, -30.9540, -58.5722**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2240, 30.9486, 60.3166**, and **52.7500, 36.6052, 65.9942** is the 20% darker color. If you saturate the color by 10%, you get **106.5330, 35.7262, 67.9386**, and if you desaturate by 10%, it is **127.8930, 26.1818, 49.2058**.

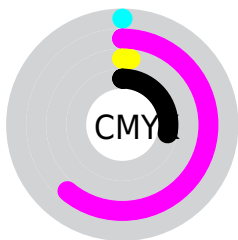
Distribution



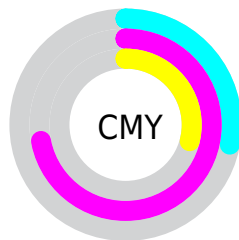
- Red (72%)
- Green (28%)
- Blue (71%)



- Red (72%)
- Yellow (28%)
- Blue (71%)



- Cyan (0%)
- Magenta (61%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2130, 30.9540, 58.5722 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 117.2130, 30.9540, 58.5722 by changing the saturation by 10% instead.

■ 117.2130, 30.9540,
58.5722

■ 117.2130, 30.9540,
58.5722

255.0000, 0.0000,
0.0000

■ 88.7400, 31.6802,
58.9870

■ 173.2240, 30.9486,
60.3166

■ 52.7500, 36.6052,
65.9942

■ 195.7130, 29.2285,
51.9947

■ 41.4140, 29.3759,
51.3799

■ 212.1490, 21.1255,
37.5803

■ 30.9040, 22.7253,
37.7952

■ 229.1720, 12.7332,
22.6512

■ 21.1060, 16.2167,
25.3400

■ 246.1950, 4.3409,
7.7220

■ 7.7200, 11.4770,
5.5076

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 117.2130, 30.9540,
58.5722

■ 117.2130, 30.9540,
58.5722

■ 106.5330, 35.7262,
67.9386

■ 127.8930, 26.1818,
49.2058

■ 95.3800, 41.2247,
77.7197

■ 139.0460, 20.6833,
39.4247

■ 84.7000, 45.9969,
87.0861

■ 149.7260, 15.9111,
30.0583

■ 75.1940, 50.1904,
95.4229

■ 160.9930, 10.8495,
20.1771

■ 171.5590, 5.6404,
10.9108

■ 182.2390, 0.8682,
1.5444

■ 193.5060, -4.1935,
-8.3368

■ 204.0720, -9.4025,
-17.6031

■ 215.3390,
-14.4641, -27.4843

Harmonies

Analogous

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



117.1640, 51.6841, -10.6678



117.2130, 30.9540, 58.5722



105.3200, 8.7162, 97.9434

Triad

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



117.2130, 30.9540, 58.5722



110.2730, -54.3646, 30.4556



103.6630, 34.1831, -90.9125

Complementary

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



117.2130, 30.9540, 58.5722



137.7870, -30.9540, -58.5722

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.



96.8230, 7.9753, -84.9138



117.2130, 30.9540, 58.5722



102.3230, -50.4452, -13.4383

Square

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



117.2130, 30.9540, 58.5722



108.7540, -53.6157, 70.3757



87.4070, -17.9487, -76.6559



106.4450, 54.9966, -93.3523

Rectangle

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



117.2130, 30.9540, 58.5722



104.4070, -10.0607, 100.4981



87.4070, -17.9487, -76.6559



101.4970, 25.8840, -89.0129

Sweetspot

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



117.2130, 30.9540, 58.5722



214.5310, 11.5702, 22.3363



85.0780, 48.7685, -8.8384



104.0370, 7.3768, 13.9996



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.



117.2130, 30.9540, 58.5722



134.7160, 48.4540, 92.3341



110.8290, 6.4933, 64.1710



86.6030, 2.1677, 4.7332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Inverse Universe

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



117.2130, 30.9540, 58.5722



134.7160, 48.4540, 92.3341



144.1710, -6.4933, -64.1710



86.6030, 2.1677, 4.7332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 117.2130, 30.9540, 58.5722 looks on a white background.

Color Contrast Check

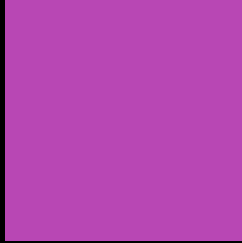
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2130, 30.9540, 58.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

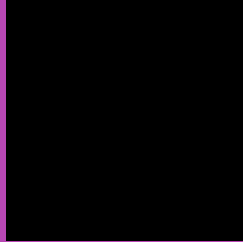
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.2130, 30.9540, 58.5722

Background



This preview shows how black text looks on a background with the YUV color 117.2130, 30.9540, 58.5722.



This preview shows how white text looks on a background with the YUV color 117.2130, 30.9540,

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

117.2130, 30.9540, 58.5722

Protanopia

111.6070, 52.9447, -41.7513

Deuteranopia

116.9910, 27.1194, -18.4091



Tritanopia

118.9030, -9.3192, 49.1971

Trichromacy



Original Color

117.2130, 30.9540, 58.5722



Protanomaly

113.7750, 44.9739, -5.0647



Deuteranomaly

116.9220, 28.6325, 9.7154



Tritanomaly

118.4100, 5.2209, 52.2604

Monochromacy



Original Color

117.2130, 30.9540, 58.5722



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.8190, 11.4282, 21.2067

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2130, 30.9540, 58.5722 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(184, 71, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 71, 180)  
}
```

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(184, 71, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 71, 180) }
```

Border

The CSS property to change the border of an element to YUV 117.2130, 30.9540, 58.5722 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(184, 71, 180) }
```


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

```
.border{ border-color:rgb(184, 71, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 71, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 71, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 71, 180); box-shadow:4px 4px 4px 4px rgb(184, 71, 180) }
```

Background

The CSS property to change the background color of an element to YUV 117.2130, 30.9540, 58.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 71, 180) }
```

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

```
.background{ background-color: rgb(184, 71,  
180) }
```

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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