

Converting Colors

YUV(112.9320, 27.1485,
65.8346)

Have a look what the booklet for
YUV(112.9320, 27.1485, 65.8346)
contains.

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Color

**YUV(112.9320, 27.1485,
65.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	BC40A8
RGB	188, 64, 168
RGB Percent	74%, 25%, 66%
CMY	0.2627, 0.7490, 0.3412
CMYK	0.00, 0.66, 0.11, 0.26
HSL	310°, 49%, 49%
HSV	310°, 66%, 74%
XYZ	29.6403, 17.1853, 38.8007
YIQ	112.9320, 40.5200, 58.6320

Conversions

Conversions Part 2

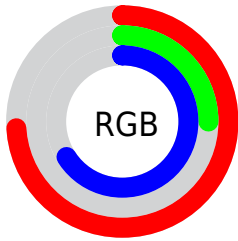
Format	Color
R _Y B	188, 64, 168
Decimal	12337320
CIE Lab	48.49, 61.08, -30.60
CIE LCh	48, 68.317, 333.391
Yxy	17.1853, 0.3462, 0.2007
Android (android.graphics.Color)	4290527400 (0xFFBC40A8)
YUV	112.9320, 27.1485, 65.8346
Hunter-Lab	41.4552, 55.0804, -26.4749

Details

The YUV color **112.9320, 27.1485, 65.8346** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **139.0680, -27.1485, -65.8346**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8290, 26.7063, 67.6790**, and **52.3930, 31.3583, 68.9383** is the 20% darker color. If you saturate the color by 10%, you get **101.4370, 31.3366, 75.9158**, and if you desaturate by 10%, it is **124.4270, 22.9605, 55.7535**.

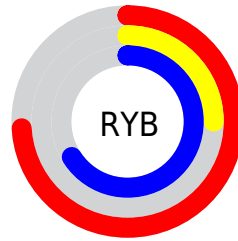
Distribution



Red (74%)

Green (25%)

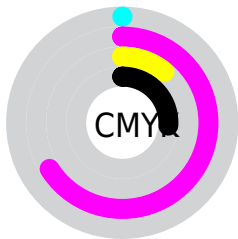
Blue (66%)



Red (74%)

Yellow (25%)

Blue (66%)

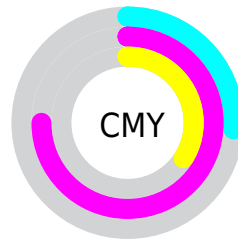


Cyan (0%)

Magenta (66%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (75%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9320, 27.1485, 65.8346 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 112.9320, 27.1485, 65.8346 by changing the saturation by 10% instead.

112.9320, 27.1485,
65.8346

112.9320, 27.1485,
65.8346

255.0000, 0.0000,
0.0000

82.3990, 28.8903,
67.1791

169.8290, 26.7063,
67.6790

52.3930, 31.3583,
68.9383

191.8490, 29.6544,
55.3834

41.4700, 24.4183,
54.8388

209.2140, 22.5725,
40.1543

30.6610, 17.9151,
40.6393

226.2370, 14.1802,
25.2252

20.5640, 11.5539,
27.5694

243.2600, 5.7878,
10.2960

7.2920, 7.2510,
7.6369

0.0000, 0.0000,

0.0000

■ 112.9320, 27.1485,
65.8346

■ 112.9320, 27.1485,
65.8346

■ 101.4370, 31.3366,
75.9158

■ 124.4270, 22.9605,
55.7535

■ 89.9420, 35.5246,
85.9969

■ 135.9220, 18.7725,
45.6724

■ 79.0340, 39.4232,
95.5632

■ 146.8300, 14.8738,
36.1061

■ 74.2240, 41.3016,
99.7816

■ 158.3250, 10.6858,
26.0250

■ 169.8200, 6.4977,
15.9439

■ 181.3150, 2.3097,
5.8627

■ 192.8100, -1.8783,
-4.2184

■ 203.7180, -5.7770,
-13.7847

■ 215.2130, -9.9650,
-23.8658

Harmonies

Analogous

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



116.5140, 47.5676, 3.0572



112.9320, 27.1485, 65.8346



101.8810, 4.4957, 98.3284

Triad

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



112.9320, 27.1485, 65.8346



107.5710, -53.0325, 23.1782



102.4720, 37.2353, -89.8679

Complementary

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



112.9320, 27.1485, 65.8346



139.0680, -27.1485, -65.8346

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.



95.8600, 11.9010, -84.0692



112.9320, 27.1485, 65.8346



97.5500, -48.0921, -21.5303

Square

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



112.9320, 27.1485, 65.8346



107.5250, -53.0098, 62.6836



87.2590, -13.4387, -76.5261



103.6240, 56.8804, -90.8782

Rectangle

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



112.9320, 27.1485, 65.8346



102.8320, -14.7072, 97.4943



87.2590, -13.4387, -76.5261



100.4200, 29.3729, -88.0683

Sweetspot

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



112.9320, 27.1485, 65.8346



215.3250, 10.6858, 26.0250



83.8170, 51.3622, -0.7165



104.5210, 6.6451, 15.3291



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



112.9320, 27.1485, 65.8346



127.5880, 42.6011, 102.9703



105.9780, 0.5038, 71.9333



88.6030, 2.1677, 4.7332



62.4040, 34.8038, 83.8377



12.2330, 6.7871, 16.4587

Inverse Universe

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



112.9320, 27.1485, 65.8346



127.5880, 42.6011, 102.9703



146.0220, -0.5038, -71.9333



88.6030, 2.1677, 4.7332



62.4040, 34.8038, 83.8377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 112.9320, 27.1485, 65.8346 looks on a white background.

Color Contrast Check

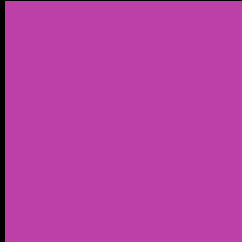
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9320, 27.1485, 65.8346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

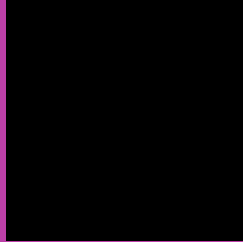
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.9320, 27.1485, 65.8346

Background



This preview shows how black text looks on a background with the YUV color 112.9320, 27.1485, 65.8346.



This preview shows how white text looks on a background with the YUV color 112.9320, 27.1485,

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

112.9320, 27.1485, 65.8346

Protanopia

110.6030, 49.0027, -37.3628

Deuteranopia

115.3570, 22.0090, -12.5911



Tritanopia

114.7900, -11.2355, 57.1892

Trichromacy



Original Color

112.9320, 27.1485, 65.8346



Protanomaly

111.4830, 41.1739, 0.4534



Deuteranomaly

114.7010, 23.8114, 16.0482



Tritanomaly

114.1830, 2.8678, 60.3525

Monochromacy



Original Color

112.9320, 27.1485, 65.8346



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.7870, 9.9650, 23.8658

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9320, 27.1485, 65.8346 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(188, 64, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 64, 168)  
}
```

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(188, 64, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 64, 168) }
```

Border

The CSS property to change the border of an element to YUV 112.9320, 27.1485, 65.8346 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(188, 64, 168) }
```


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

```
.border{ border-color:rgb(188, 64, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 64, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 64, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 64, 168);  
box-shadow:4px 4px 4px 4px rgb(188, 64,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 112.9320, 27.1485, 65.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 64, 168) }
```

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

```
.background{ background-color: rgb(188, 64,  
168) }
```

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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