

Converting Colors

YUV(112.7660, 35.6114,
58.0872)

Have a look what the booklet for
YUV(112.7660, 35.6114, 58.0872)
contains.

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Color

**YUV(112.7660, 35.6114,
58.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	B341B9
RGB	179, 65, 185
RGB Percent	70%, 25%, 73%
CMY	0.2980, 0.7451, 0.2745
CMYK	0.03, 0.65, 0.00, 0.27
HSL	297°, 48%, 49%
HSV	297°, 65%, 73%
XYZ	29.2377, 16.8671, 47.6136
YIQ	112.7660, 29.4240, 61.4880

Conversions

Conversions Part 2

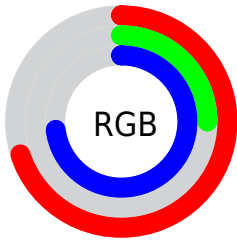
Format	Color
R _Y B	179, 65, 185
Decimal	11747769
CIE Lab	48.09, 61.26, -41.30
CIE LCh	48, 73.887, 326.014
Yxy	16.8671, 0.3120, 0.1800
Android (android.graphics.Color)	4289937849 (0xFFB341B9)
YUV	112.7660, 35.6114, 58.0872
Hunter-Lab	41.0696, 55.2035, -39.9886

Details

The YUV color **112.7660, 35.6114, 58.0872** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **137.2340, -35.6114, -58.0872**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4780, 35.7533, 59.2168**, and **51.7110, 39.0895, 62.5205** is the 20% darker color. If you saturate the color by 10%, you get **101.9010, 40.9678, 66.7388**, and if you desaturate by 10%, it is **123.6310, 30.2549, 49.4356**.

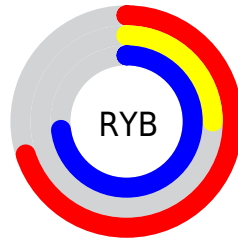
Distribution



Red (70%)

Green (25%)

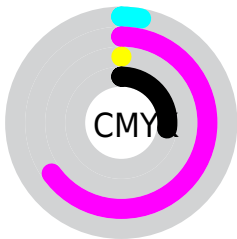
Blue (73%)



Red (70%)

Yellow (25%)

Blue (73%)

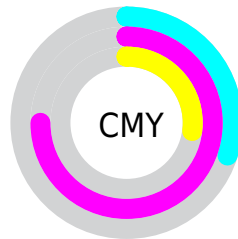


Cyan (3%)

Magenta (65%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (75%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7660, 35.6114, 58.0872 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 112.7660, 35.6114, 58.0872 by changing the saturation by 10% instead.

■ 112.7660, 35.6114,
58.0872

■ 112.7660, 35.6114,
58.0872

255.0000, 0.0000,
0.0000

■ 83.1190, 36.9163,
59.5316

■ 169.4780, 35.7533,
59.2168

■ 51.7110, 39.0895,
62.5205

■ 192.7780, 30.6754,
54.5687

■ 40.4890, 32.2969,
47.8061

■ 209.2140, 22.5725,
40.1543

■ 29.5660, 25.3570,
33.7066

■ 226.2370, 14.1802,
25.2252

■ 19.6540, 18.4116,
21.3514

■ 243.2600, 5.7878,
10.2960

■ 4.2890, 15.1405,
-2.8845

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 112.7660, 35.6114,
58.0872

■ 112.7660, 35.6114,
58.0872

■ 101.9010, 40.9678,
66.7388

■ 123.6310, 30.2549,
49.4356

■ 90.4490, 46.6136,
75.9052

■ 135.0830, 24.6091,
40.2692

■ 78.9970, 52.2595,
85.0716

■ 146.5350, 18.9632,
31.1028

■ 73.7140, 54.8640,
89.7048

■ 157.4000, 13.6068,
22.4512

■ 168.2650, 8.2504,
13.7996

■ 179.7170, 2.6045,
4.6332

■ 190.8700, -2.8939,
-5.1480

■ 201.7350, -8.2504,
-13.7996

■ 212.6000,
-13.6068, -22.4512

Harmonies

Analogous

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



110.3950, 57.9793, -23.1484



112.7660, 35.6114, 58.0872



93.2210, 15.6670, 108.5542

Triad

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



112.7660, 35.6114, 58.0872



107.6370, -53.0650, 33.6444



101.9190, 32.5779, -89.3830

Complementary

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



112.7660, 35.6114, 58.0872



137.2340, -35.6114, -58.0872

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.



94.0360, 4.9123, -82.4696



112.7660, 35.6114, 58.0872



99.6760, -49.1403, -11.9939

Square

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



112.7660, 35.6114, 58.0872



104.0690, -51.3060, 76.2385



83.9360, -23.6324, -73.6119



105.2710, 55.5754, -92.3227

Rectangle

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



112.7660, 35.6114, 58.0872



92.6780, -4.2783, 112.5384



83.9360, -23.6324, -73.6119



99.5250, 23.4052, -87.2834

Sweetspot

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



112.7660, 35.6114, 58.0872



212.1010, 13.7542, 21.8364



82.2020, 50.6794, -15.0862



102.9660, 8.3978, 13.1848



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.



112.7660, 35.6114, 58.0872



127.2410, 55.5902, 90.1196



108.4040, 11.1398, 67.1747



86.4180, 2.7519, 4.0184



62.0360, 46.3243, 75.3904



11.2650, 8.2504, 13.7996

Inverse Universe

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



101.5640, -15.0681, 73.1734



109.9390, -23.6339, 114.0635



141.5960, -11.1398, -67.1747



85.6910, -1.3267, 5.5330



47.5560, -19.5011, 95.1054



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 112.7660, 35.6114, 58.0872 looks on a white background.

Color Contrast Check

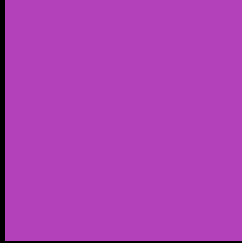
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.7660, 35.6114, 58.0872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

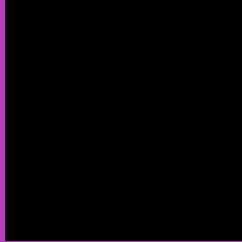
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7660, 35.6114, 58.0872

Background



This preview shows how black text looks on a background with the YUV color 112.7660, 35.6114, 58.0872.



This preview shows how white text looks on a background with the YUV color 112.7660, 35.6114,

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

112.7660, 35.6114, 58.0872

Protanopia

102.2120, 62.0135, -57.1909

Deuteranopia

111.9130, 32.0879, -25.3567



Tritanopia

115.1200, -8.4402, 47.2528

Trichromacy



Original Color

112.7660, 35.6114, 58.0872

Protanomaly

105.9570, 52.2792, -14.8713

Deuteranomaly

112.1540, 33.4481, 5.1269

Tritanomaly

114.6810, 7.5523, 51.1458

Monochromacy



Original Color

112.7660, 35.6114, 58.0872

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1610, 12.7386, 20.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7660, 35.6114, 58.0872 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(179, 65, 185)` looks like.

```
.text, #text, p{  
    color:rgb(179, 65, 185)  
}
```

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(179, 65, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 65, 185) }
```

Border

The CSS property to change the border of an element to YUV 112.7660, 35.6114, 58.0872 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(179, 65, 185) }
```


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

```
.border{ border-color:rgb(179, 65, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 65, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 65, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 65, 185);  
box-shadow:4px 4px 4px 4px rgb(179, 65,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 112.7660, 35.6114, 58.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 65, 185) }
```

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

```
.background{ background-color: rgb(179, 65,  
185) }
```

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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