

Converting Colors

YUV(72.6040, 58.3692, 85.4163)

Have a look what the booklet for
YUV(72.6040, 58.3692, 85.4163)
contains.

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Color

**YUV(72.6040, 58.3692,
85.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	AA00BF
RGB	170, 0, 191
RGB Percent	67%, 0%, 75%
CMY	0.3333, 1.0000, 0.2510
CMYK	0.11, 1.00, 0.00, 0.25
HSL	293°, 100%, 37%
HSV	293°, 100%, 75%
XYZ	25.9815, 12.3076, 50.2964
YIQ	72.6040, 40.0090, 95.4410

Conversions

Conversions Part 2

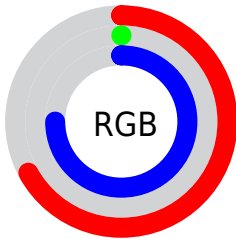
Format	Color
RYB	170, 0, 191
Decimal	11141311
CIELab	41.70, 75.79, -55.12
CIElCh	42, 93.712, 323.971
Yxy	12.3076, 0.2933, 0.1389
Android (android.graphics.Color)	4289331391 (0xFFAA00BF)
YUV	72.6040, 58.3692, 85.4163
Hunter-Lab	35.0822, 70.8013, -60.4449

Details

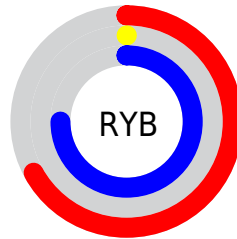
The YUV color **72.6040, 58.3692, 85.4163** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **118.3960, -58.3692, -85.4163**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6380, 49.9715, 72.2315**, and **48.9920, 42.8949, 55.2580** is the 20% darker color. If you saturate the color by 10%, you get **72.6040, 58.3692, 85.4163**, and if you desaturate by 10%, it is **84.3550, 52.5760, 76.8647**.

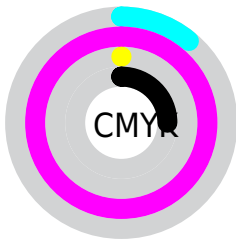
Distribution



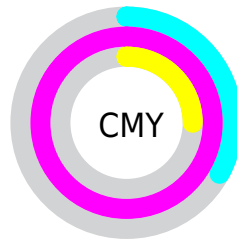
- Red (67%)
- Green (0%)
- Blue (75%)



- Red (67%)
- Yellow (0%)
- Blue (75%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6040, 58.3692, 85.4163 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 72.6040, 58.3692, 85.4163 by changing the saturation by 10% instead.

72.6040, 58.3692,
85.4163

72.6040, 58.3692,
85.4163

255.0000, 0.0000,
0.0000

60.7410, 50.4137,
70.3871

146.6380, 49.9715,
72.2315

48.9920, 42.8949,
55.2580

172.8200, 40.5147,
72.0719

37.6560, 35.6656,
40.6437

189.8430, 32.1224,
57.1427

26.7330, 28.7256,
26.5442

206.8660, 23.7301,
42.2135

14.7280, 22.8121,
9.8855

224.4760, 15.0483,
26.7695

5.5060, 16.0195,
-4.8288

242.0860, 6.3666,

2.2970, 6.2626,

11.3256

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 72.6040, 58.3692,
85.4163

■ 84.3550, 52.5760,
76.8647

■ 96.1060, 46.7827,
68.3130

■ 107.8570, 40.9895,
59.7614

■ 119.6080, 35.1963,
51.2098

■ 131.9460, 29.1136,
42.1434

■ 143.9960, 23.1730,
34.2065

■ 155.7470, 17.3797,
25.6549

■ 167.4980, 11.5865,
17.1033

■ 179.2490, 5.7932,
8.5516

Harmonies

Analogous

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



78.1840, 81.2543, -68.5674



72.6040, 58.3692, 85.4163



78.9330, 19.2600, 122.8388

Triad

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



72.6040, 58.3692, 85.4163



93.4830, -46.0871, 35.5334



92.7890, 33.1350, -81.3760

Complementary

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



72.6040, 58.3692, 85.4163



118.3960, -58.3692, -85.4163

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.



83.0820, -1.5194, -72.8629



72.6040, 58.3692, 85.4163



82.7870, -40.8140, -22.6152

Square

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



72.6040, 58.3692, 85.4163



81.4530, -40.1563, 93.4417



71.6140, -35.3057, -62.8055



99.6120, 61.8163, -87.3597

Rectangle

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



72.6040, 58.3692, 85.4163



74.6140, -3.7537, 131.0115



71.6140, -35.3057, -62.8055



89.8250, 21.7783, -78.7765

Sweetspot

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



72.6040, 58.3692, 85.4163



201.1700, 22.5942, 33.1769



34.6880, 77.0618, -30.4214



97.0900, 13.7596, 20.0921



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



72.6040, 58.3692, 85.4163



93.9380, 75.4596, 110.5564



70.5610, 23.3874, 105.6250



88.4180, 2.7519, 4.0184



60.1710, 48.2297, 70.8870



11.6070, 9.5607, 13.4997

Inverse Universe

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



59.5030, -18.9820, 115.3229



76.9310, -24.6160, 149.1505



120.4390, -23.3874, -105.6250



87.8050, -0.8899, 5.4330



49.1800, -15.8647, 95.4351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 72.6040, 58.3692, 85.4163 looks on a white background.

Color Contrast Check

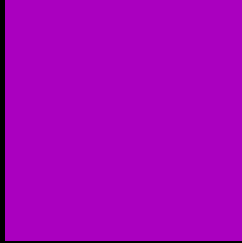
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.6040, 58.3692, 85.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

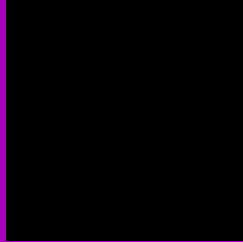
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6040, 58.3692, 85.4163

Background



This preview shows how black text looks on a background with the YUV color 72.6040, 58.3692, 85.4163.



This preview shows how white text looks on a background with the YUV color 72.6040, 58.3692,

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



Protanopia

80.3090, 61.4727, -70.4310

Deuteranopia

87.5700, 45.5680, -55.7509

Tritanopia

99.7890, -9.7560, 49.2970

Trichromacy



Protanomaly

77.7320, 60.2781, -13.7970

Deuteranomaly

82.1540, 50.2101, -4.5201

Tritanomaly

89.9950, 14.7925, 62.2714

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5180, 21.4366, 31.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6040, 58.3692, 85.4163 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(170, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 0, 191)  
}
```

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(170, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 0, 191) }
```

Border

The CSS property to change the border of an element to YUV 72.6040, 58.3692, 85.4163 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(170, 0, 191) }
```

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

```
.border{ border-color:rgb(170, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(170, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 0,  
191) }
```


Background

The CSS property to change the background color of an element to YUV 72.6040, 58.3692, 85.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 0, 191) }
```

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

```
.background{ background-color: rgb(170, 0,  
191) }
```

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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