

Converting Colors

YUV(122.6040, 58.3692,
85.4163)

Have a look what the booklet for
YUV(122.6040, 58.3692, 85.4163)
contains.

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Color

**YUV(122.6040, 58.3692,
85.4163)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DC32F1 |
| RGB | 220, 50, 241 |
| RGB Percent | 86%, 20%, 95% |
| CMY | 0.1373, 0.8039, 0.0549 |
| CMYK | 0.09, 0.79, 0.00, 0.05 |
| HSL | 293°, 87%, 57% |
| HSV | 293°, 79%, 95% |
| XYZ | 46.5330, 23.8477, 85.3696 |
| YIQ | 122.6040, 40.0090, 95.4410 |

Conversions

Conversions Part 2

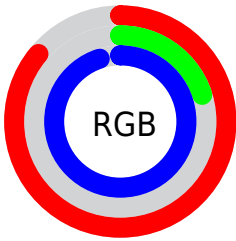
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 50, 241 |
| Decimal | 14430961 |
| CIE Lab | 55.94, 84.01, -60.40 |
| CIE LCh | 56, 103.466, 324.287 |
| Yxy | 23.8477, 0.2988, 0.1531 |
| Android (android.graphics.Color) | 4292621041 (0xFFDC32F1) |
| YUV | 122.6040, 58.3692, 85.4163 |
| Hunter-Lab | 48.8341, 84.6291, -69.4642 |

Details

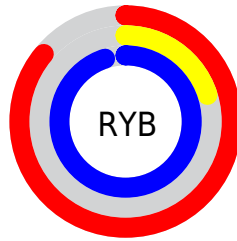
The YUV color **122.6040, 58.3692, 85.4163** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **168.3960, -58.3692, -85.4163**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9940, 39.9360, 71.0423**, and **68.8160, 56.7857, 79.9684** is the 20% darker color. If you saturate the color by 10%, you get **107.6190, 65.7568, 95.9271**, and if you desaturate by 10%, it is **137.5890, 50.9816, 74.9054**.

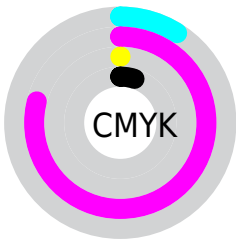
Distribution



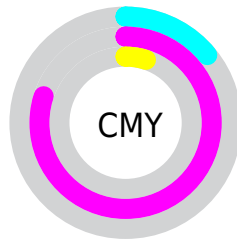
- Red (86%)
- Green (20%)
- Blue (95%)



- Red (86%)
- Yellow (20%)
- Blue (95%)



- Cyan (9%)
- Magenta (79%)
- Yellow (0%)
- Black (5%)




- Cyan (14%)
- Magenta (80%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.6040, 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 122.6040, 58.3692, 85.4163 by changing the saturation by 10% instead.


 122.6040, 58.3692,
85.4163


 122.6040, 58.3692,
85.4163


255.0000, 0.0000,
0.0000


 80.9780, 64.5938,
95.6123


 173.9940, 39.9360,
71.0423


 68.8160, 56.7857,
79.9684


 191.6040, 31.2542,
55.5983


 56.9530, 48.8302,
64.9392


 209.2140, 22.5725,
40.1543

 45.3180, 41.7482,
49.7101

 226.8240, 13.8908,
24.7104

 33.6830, 34.6663,
34.4810

 244.4340, 5.2090,
9.2664

 22.1620, 28.0211,
19.1519

 7.1670, 23.5817,

-3.6545

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 122.6040, 58.3692,
85.4163

■ 122.6040, 58.3692,
85.4163

■ 107.6190, 65.7568,
95.9271

■ 137.5890, 50.9816,
74.9054

■ 92.9330, 72.9970,
107.0528

■ 152.2750, 43.7414,
63.7798

■ 91.7590, 73.5758,
108.0824

■ 167.2600, 36.3538,
53.2690

■ 182.2450, 28.9662,
42.7581

■ 196.9310, 21.7260,
31.6325

■ 212.5030, 14.0490,
20.6069

■ 227.4880, 6.6614,
10.0960

■ 242.1740, -0.5788,
-1.0296

■ 250.1150, -4.4937,
-5.3629

Harmonies

Analogous

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



105.2020, 73.8504, -73.8452



122.6040, 58.3692, 85.4163



93.9150, 30.1149, 141.2715

Triad

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



122.6040, 58.3692, 85.4163



126.5970, -62.4123, 45.0804



123.3880, 41.2207, -108.2113

Complementary

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



122.6040, 58.3692, 85.4163



168.3960, -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.



111.6120, 1.1773, -97.8837



122.6040, 58.3692, 85.4163



115.2590, -56.8227, -21.2751

Square

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



122.6040, 58.3692, 85.4163



116.6710, -57.5188, 109.0365



95.0940, -46.8813, -83.3974



126.5120, 63.3446, -110.9510

Rectangle

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



122.6040, 58.3692, 85.4163



87.1890, 4.3438, 147.1702



95.0940, -46.8813, -83.3974



119.2670, 27.9694, -104.5972

Sweetspot

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



122.6040, 58.3692, 85.4163



217.1000, 18.6847, 27.0993



84.6880, 77.0618, -30.4214



104.7860, 11.4445, 15.9737



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.6040, 58.3692, 85.4163



104.8730, 74.0126, 107.9824



120.5610, 23.3874, 105.6250



112.6570, 3.6201, 5.5628



69.7130, 56.3435, 81.8127



21.3340, 17.0903, 25.1401

Inverse Universe

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



109.5030, -18.9820, 115.3229



88.3220, -24.3157, 146.1766



170.4390, -23.3874, -105.6250



111.7020, -1.3321, 7.2773



57.2960, -18.3869, 111.1194



17.4280, -5.6340, 33.8276

Previews

White Background



This preview shows how the YUV color 122.6040, 58.3692, 85.4163 looks on a white background.

Color Contrast Check

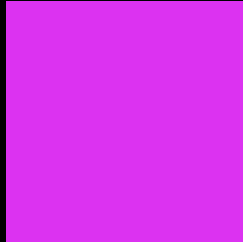
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 122.6040, 58.3692, 85.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

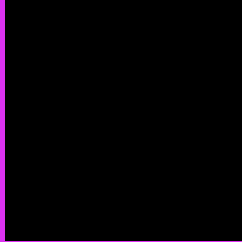
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.6040, 58.3692, 85.4163

Background



This preview shows how black text looks on a background with the YUV color 122.6040, 58.3692, 85.4163.



This preview shows how white text looks on a background with the YUV color 122.6040, 58.3692, 85.4163.

85.4163.

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

122.6040, 58.3692, 85.4163

Protanopia

124.2170, 64.4760, -53.6873

Deuteranopia

124.9710, 50.7933, -51.7176



Tritanopia

133.9970, -11.8305, 61.3926

Trichromacy



Original Color

122.6040, 58.3692, 85.4163



Protanomaly

123.6670, 62.2822, -3.2160



Deuteranomaly

124.0880, 53.6936, -1.8312



Tritanomaly

130.1100, 13.7498, 70.0635

Monochromacy



Original Color

122.6040, 58.3692, 85.4163



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.5180, 21.4366, 31.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6040, 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(220, 50, 241)` looks like.

```
.text, #text, p{  
    color:rgb(220, 50, 241)  
}
```

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(220, 50, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 50, 241) }
```

Border

The CSS property to change the border of an element to YUV 122.6040, 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(220, 50, 241) }
```


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

```
.border{ border-color:rgb(220, 50, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 50, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 50, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 50, 241);  
box-shadow:4px 4px 4px 4px rgb(220, 50,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 122.6040, 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(220, 50, 241) }
```

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

```
.background{ background-color: rgb(220, 50,  
241) }
```

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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