

Converting Colors

YUV(54.1920, 46.2473, 53.3286)

Have a look what the booklet for
YUV(54.1920, 46.2473, 53.3286)
contains.

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Color

**YUV(54.1920, 46.2473,
53.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	730594
RGB	115, 5, 148
RGB Percent	45%, 2%, 58%
CMY	0.5490, 0.9804, 0.4196
CMYK	0.22, 0.97, 0.00, 0.42
HSL	286°, 93%, 30%
HSV	286°, 97%, 58%
XYZ	12.4698, 5.8915, 28.4969
YIQ	54.1920, 19.6570, 67.7930

Conversions

Conversions Part 2

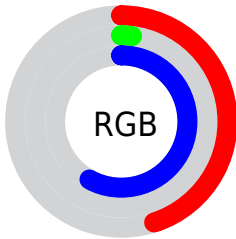
Format	Color
RYB	115, 5, 148
Decimal	7538068
CIELab	29.14, 59.51, -50.11
CIElCh	29, 77.795, 319.901
Yxy	5.8915, 0.2661, 0.1257
Android (android.graphics.Color)	4285728148 (0xFF730594)
YUV	54.1920, 46.2473, 53.3286
Hunter-Lab	24.2724, 49.2265, -52.6185

Details

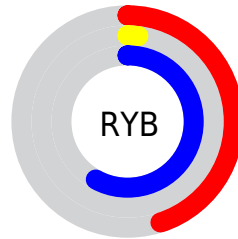
The YUV color **54.1920, 46.2473, 53.3286** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **98.8080, -46.2473, -53.3286**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1220, 42.3379, 47.2510**, and **28.8840, 33.0882, 27.2887** is the 20% darker color. If you saturate the color by 10%, you get **50.9580, 47.8417, 55.2878**, and if you desaturate by 10%, it is **63.8940, 41.4643, 47.4510**.

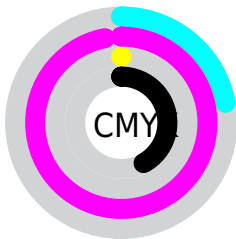
Distribution



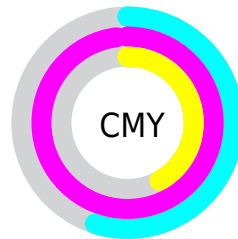
- Red (45%)
- Green (2%)
- Blue (58%)



- Red (45%)
- Yellow (2%)
- Blue (58%)



- Cyan (22%)
- Magenta (97%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (98%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.1920, 46.2473, 53.3286 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 54.1920, 46.2473, 53.3286 by changing the saturation by 10% instead.

■ 54.1920, 46.2473,
53.3286

■ 54.1920, 46.2473,
53.3286

255.0000, 0.0000,
0.0000

■ 40.2200, 40.3175,
41.9031

■ 117.1220, 42.3379,
47.2510

■ 28.8840, 33.0882,
27.2887

■ 144.8340, 42.4798,
48.3806

■ 18.9720, 26.1428,
14.9336

■ 172.0900, 40.8746,
49.9101

■ 5.4720, 20.9663,
-4.7989

■ 196.3000, 28.9391,
51.4799


■ 3.5510, 11.0674,
-3.1142


■ 212.7360, 20.8362,
37.0655


■ 0.0000, 0.0000,
0.0000


■ 229.7590, 12.4438,


22.1364


 246.7820, 4.0515,
7.2072


 54.1920, 46.2473,
53.3286


 54.1920, 46.2473,
53.3286


 50.9580, 47.8417,
55.2878

 63.8940, 41.4643,
47.4510

 73.8950, 36.5338,
42.1881

 83.0100, 32.0401,
36.8252

 93.0110, 27.1096,
31.5624

 102.7130, 22.3265,
25.6847

■ 112.4150, 17.5434,
19.8070

■ 122.4160, 12.6129,
14.5442

■ 131.5310, 8.1192,
9.1813

■ 141.5320, 3.1887,
3.9184

Harmonies

Analogous

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



58.0710, 62.5760, -50.9283



54.1920, 46.2473, 53.3286



58.0290, 16.7477, 88.5516

Triad

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



54.1920, 46.2473, 53.3286



65.1310, -32.1096, 32.3341



65.8430, 21.2764, -57.7443

Complementary

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



54.1920, 46.2473, 53.3286



98.8080, -46.2473, -53.3286

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.



57.3730, -6.0999, -50.3161



54.1920, 46.2473, 53.3286



59.2410, -29.2058, -12.4894

Square

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



54.1920, 46.2473, 53.3286



47.7410, -23.5363, 82.6651



50.4820, -24.8876, -44.2727



71.2980, 44.7161, -62.5283

Rectangle

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



54.1920, 46.2473, 53.3286



55.5620, -1.7561, 96.8541



50.4820, -24.8876, -44.2727



62.8620, 12.3930, -55.1300

Sweetspot

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



54.1920, 46.2473, 53.3286



154.8280, 17.8328, 20.3218



40.6730, 52.9122, -31.2852



74.6500, 11.0185, 12.5849



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



54.1920, 46.2473, 53.3286



65.7270, 61.7596, 71.2764



59.7270, 24.7846, 77.4154



69.2930, 2.3206, 2.3740



47.4260, 44.6530, 51.3694



3.5320, 3.1887, 3.9184

Inverse Universe

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



51.5190, -6.6649, 84.6138



62.1250, -8.9356, 113.0234



93.2730, -24.7846, -77.4154



69.2070, -0.5951, 4.2035



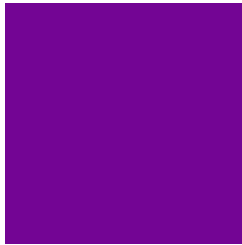
44.9100, -6.3646, 81.6399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 54.1920, 46.2473, 53.3286 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 ✓ Pass

Black Background



This preview shows how the YUV color 54.1920, 46.2473, 53.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

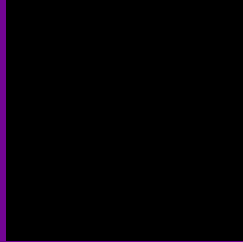
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.1920, 46.2473, 53.3286

Background



This preview shows how black text looks on a background with the YUV color 54.1920, 46.2473, 53.3286.



This preview shows how white text looks on a background with the YUV color 54.1920, 46.2473,

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

54.1920, 46.2473, 53.3286

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.3290, 34.3478, -50.2775



Tritanopia

71.6120, -4.7387, 26.6503

Trichromacy



Original Color

54.1920, 46.2473, 53.3286

Protanomaly

56.2040, 44.2694, -12.4569

Deuteranomaly

56.1240, 38.8859, -12.3867

Tritanomaly

65.4880, 13.5634, 36.4060

Monochromacy



Original Color

54.1920, 46.2473, 53.3286

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8880, 16.8172, 19.3922

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.1920, 46.2473, 53.3286 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(115, 5, 148)` looks like.

```
.text, #text, p{  
    color:rgb(115, 5, 148)  
}
```

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(115, 5, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 5, 148) }
```

Border

The CSS property to change the border of an element to YUV 54.1920, 46.2473, 53.3286 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(115, 5, 148) }
```


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

```
.border{ border-color:rgb(115, 5, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 5, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 5, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 5, 148);  
box-shadow:4px 4px 4px 4px rgb(115, 5,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 54.1920, 46.2473, 53.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 5, 148) }
```

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

```
.background{ background-color: rgb(115, 5,  
148) }
```

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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