

Converting Colors

YUV(57.0590, 47.7919, 24.5043)

Have a look what the booklet for
YUV(57.0590, 47.7919, 24.5043)
contains.

YUV(57.0590, 47.7919, 24.5043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.0590, 47.7919,
24.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	55189A
RGB	85, 24, 154
RGB Percent	33%, 9%, 60%
CMY	0.6667, 0.9059, 0.3961
CMYK	0.45, 0.84, 0.00, 0.40
HSL	268°, 73%, 35%
HSV	268°, 84%, 60%
XYZ	9.9057, 4.9177, 30.9990
YIQ	57.0590, -5.3740, 53.3620

Conversions

Conversions Part 2

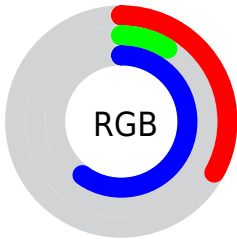
Format	Color
R _Y B	85, 24, 154
Decimal	5576858
CIE Lab	26.50, 52.11, -58.30
CIE LCh	26, 78.194, 311.795
Yxy	4.9177, 0.2162, 0.1073
Android (android.graphics.Color)	4283766938 (0xFF55189A)
YUV	57.0590, 47.7919, 24.5043
Hunter-Lab	22.1758, 40.9264, -67.3569

Details

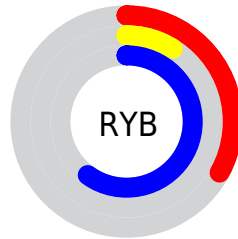
The YUV color **57.0590, 47.7919, 24.5043** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **120.9410, -47.7919, -24.5043**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1840, 48.2233, 26.1486**, and **18.5050, 41.1630, 3.9421** is the 20% darker color. If you saturate the color by 10%, you get **45.8620, 53.3120, 27.3080**, and if you desaturate by 10%, it is **68.2560, 42.2718, 21.7005**.

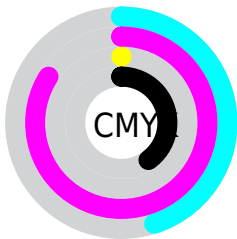
Distribution



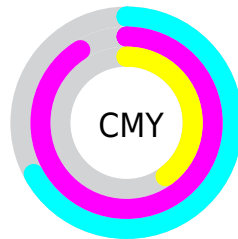
- Red (33%)
- Green (9%)
- Blue (60%)



- Red (33%)
- Yellow (9%)
- Blue (60%)



- Cyan (45%)
- Magenta (84%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (91%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.0590, 47.7919, 24.5043 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 57.0590, 47.7919, 24.5043 by changing the saturation by 10% instead.

■ 57.0590, 47.7919,
24.5043

■ 57.0590, 47.7919,
24.5043

■ 255.0000, 0.0000,
0.0000

■ 31.2220, 47.2186,
21.7303

■ 111.1840, 48.2233,
26.1486

■ 18.5050, 41.1630,
3.9421

■ 138.4230, 49.0915,
27.6930

■ 8.7780, 33.6334,
-7.6983

■ 164.2940, 44.7181,
30.4372

■ 8.9770, 21.7033,
-7.8728

■ 188.8140, 32.6297,
34.3661

■ 4.7080, 12.9620,
-4.1289

■ 213.3230, 20.5468,
36.5507


■ 0.1140, 0.4368,
-0.1000


■ 229.7590, 12.4438,


■ 0.0000, 0.0000,


22.1364


0.0000


 246.7820, 4.0515,
7.2072


 57.0590, 47.7919,
24.5043


 57.0590, 47.7919,
24.5043


 45.8620, 53.3120,
27.3080


 68.2560, 42.2718,
21.7005

 39.0840, 56.6536,
28.8673

 80.0400, 36.4623,
18.3819

 91.5360, 30.7948,
16.1929

 103.3200, 24.9852,
12.8744

 114.5170, 19.4651,
10.0706

■ 125.7140, 13.9450,
7.2668

■ 137.4980, 8.1355,
3.9483

■ 148.6950, 2.6154,
1.1445

■ 160.7780, -3.3416,
-1.5593

Harmonies

Analogous

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



59.1310, 61.5604, -51.8579



57.0590, 47.7919, 24.5043



54.8690, 22.7426, 79.0449

Triad

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



57.0590, 47.7919, 24.5043



58.1090, -28.6477, 42.0004



58.5250, 13.5452, -51.3264

Complementary

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



57.0590, 47.7919, 24.5043



120.9410, -47.7919, -24.5043

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.



50.5280, -14.5573, -44.3131



57.0590, 47.7919, 24.5043



56.6600, -27.9334, -0.5788

Square

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



57.0590, 47.7919, 24.5043



42.4580, -20.9318, 87.2983



45.7860, -22.5725, -40.1543



65.6100, 38.1533, -57.5400

Rectangle

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



57.0590, 47.7919, 24.5043



54.3100, 3.7912, 90.9361



45.7860, -22.5725, -40.1543



56.1310, 4.3724, -49.2269

Sweetspot

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



57.0590, 47.7919, 24.5043



163.8760, 18.3021, 9.7557



79.3230, 36.8158, -48.5183



79.0190, 11.3296, 6.1223



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



57.0590, 47.7919, 24.5043



51.3190, 73.7927, 38.3082



76.4940, 38.2105, 64.4648



70.8090, 3.0522, 1.0445



35.6940, 51.4229, 26.5784



3.2760, 4.7939, 2.3889

Inverse Universe

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



70.7360, 10.9762, 73.0225



72.2970, 17.1086, 112.8725



101.5060, -38.2105, -64.4648



71.8480, 0.5679, 4.5183



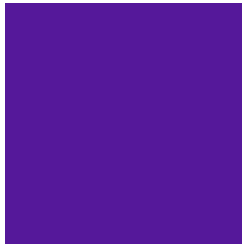
50.2960, 11.6861, 78.6704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 57.0590, 47.7919, 24.5043 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 57.0590, 47.7919, 24.5043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

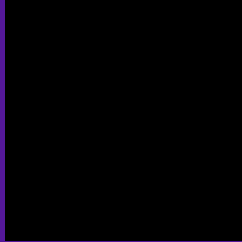
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.0590, 47.7919, 24.5043

Background



This preview shows how black text looks on a background with the YUV color 57.0590, 47.7919, 24.5043.



This preview shows how white text looks on a background with the YUV color 57.0590, 47.7919,

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

57.0590, 47.7919, 24.5043

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.3960, 29.3848, -45.0743



Tritanopia

63.8690, 2.0366, 0.1149

Trichromacy



Original Color

57.0590, 47.7919, 24.5043

Protanomaly

53.2910, 42.2545, -19.5492

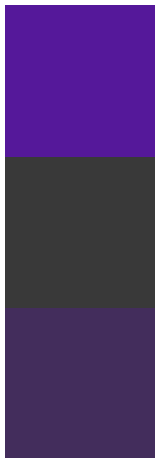
Deuteranomaly

53.6840, 36.1448, -19.8939

Tritanomaly

61.5770, 18.4495, 9.1410

Monochromacy



Original Color

57.0590, 47.7919, 24.5043

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9360, 17.2866, 8.8261

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0590, 47.7919, 24.5043 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(85, 24, 154)` looks like.

```
.text, #text, p{  
    color:rgb(85, 24, 154)  
}
```

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(85, 24, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 24, 154) }
```

Border

The CSS property to change the border of an element to YUV 57.0590, 47.7919, 24.5043 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(85, 24, 154) }
```


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

```
.border{ border-color:rgb(85, 24, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 24, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 24, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 24, 154);  
box-shadow:4px 4px 4px 4px rgb(85, 24,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 57.0590, 47.7919, 24.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 24, 154) }
```

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

```
.background{ background-color: rgb(85, 24,  
154) }
```

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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