

Converting Colors

YUV(54.3010, 57.5326, 26.9230)

Have a look what the booklet for
YUV(54.3010, 57.5326, 26.9230)
contains.

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Color

**YUV(54.3010, 57.5326,
26.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	5510AB
RGB	85, 16, 171
RGB Percent	33%, 6%, 67%
CMY	0.6667, 0.9373, 0.3294
CMYK	0.50, 0.91, 0.00, 0.33
HSL	267°, 83%, 37%
HSV	267°, 91%, 67%
XYZ	11.2823, 5.2422, 38.9453
YIQ	54.3010, -8.6310, 62.8330

Conversions

Conversions Part 2

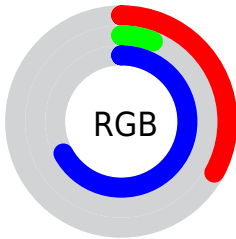
Format	Color
R_{YB}	85, 16, 171
Decimal	5574827
CIE _{Lab}	27.41, 58.60, -67.12
CIE _{LCh}	27, 89.100, 311.124
Yxy	5.2422, 0.2034, 0.0945
Android (android.graphics.Color)	4283764907 (0xFF5510AB)
YUV	54.3010, 57.5326, 26.9230
Hunter-Lab	22.8957, 47.8915, -84.8243

Details

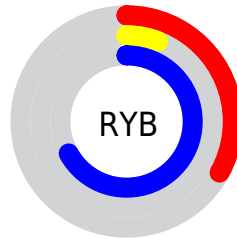
The YUV color **54.3010, 57.5326, 26.9230** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **132.6990, -57.5326, -26.9230**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4860, 56.9484, 27.6378**, and **16.3280, 49.6313, -5.5497** is the 20% darker color. If you saturate the color by 10%, you get **42.2180, 63.4895, 29.6268**, and if you desaturate by 10%, it is **66.9710, 51.2863, 23.7044**.

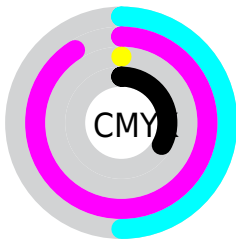
Distribution



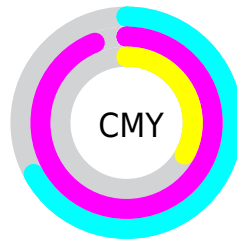
- Red (33%)
- Green (6%)
- Blue (67%)



- Red (33%)
- Yellow (6%)
- Blue (67%)



- Cyan (50%)
- Magenta (91%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3010, 57.5326, 26.9230 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 54.3010, 57.5326, 26.9230 by changing the saturation by 10% instead.

■ 54.3010, 57.5326,
26.9230

■ 54.3010, 57.5326,
26.9230

■ 255.0000, 0.0000,
0.0000

■ 32.5620, 54.9389,
18.8011

■ 112.4860, 56.9484,
27.6378

■ 16.3280, 49.6313,
-5.5497

■ 139.4970, 56.9430,
29.3821

■ 10.4880, 40.1854,
-9.1980

■ 164.0170, 44.8546,
33.3111

■ 9.9860, 28.1079,
-8.7577

■ 188.8360, 32.6189,
37.8548

■ 6.7770, 18.3509,
-5.9434

■ 212.1490, 21.1255,
37.5803


■ 3.0950, 9.3202,
-2.7143


■ 228.5850, 13.0226,


■ 0.0000, 0.0000,


23.1660


0.0000

 245.6080, 4.6303,
8.2368


 54.3010, 57.5326,
26.9230

 54.3010, 57.5326,
26.9230


 42.2180, 63.4895,
29.6268

 66.9710, 51.2863,
23.7044

 79.9400, 44.8926,
21.1006

 92.6100, 38.6463,
17.8820

 105.5790, 32.2526,
15.2782

 118.2490, 26.0062,
12.0596

■ 131.8050, 19.3231,
8.9410

■ 144.4750, 13.0768,
5.7224

■ 157.4440, 6.6831,
3.1186

■ 170.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



63.8730, 69.5756, -56.0166



54.3010, 57.5326, 26.9230



59.5970, 25.3417, 85.4224

Triad

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



54.3010, 57.5326, 26.9230



59.3270, -29.2482, 47.9482



61.3290, 14.1348, -53.7855

Complementary

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



54.3010, 57.5326, 26.9230



132.6990, -57.5326, -26.9230

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.



51.2630, -19.3567, -44.9577



54.3010, 57.5326, 26.9230



58.7200, -28.9490, -1.5084

Square

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



54.3010, 57.5326, 26.9230



46.0460, -22.7007, 94.6757



47.5470, -23.4407, -41.6987



70.0270, 42.3847, -61.4137

Rectangle

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



54.3010, 57.5326, 26.9230



58.9520, 3.4747, 99.1431



47.5470, -23.4407, -41.6987



58.0060, 3.9410, -50.8713

Sweetspot

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



54.3010, 57.5326, 26.9230



176.9130, 22.2279, 10.6003



85.3260, 42.2373, -60.7989



84.8880, 13.3662, 6.2372



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



54.3010, 57.5326, 26.9230



54.9090, 82.3759, 38.6678



77.0250, 46.3297, 73.6461



80.2220, 3.3416, 1.5593



37.1330, 55.6434, 26.1934



5.6120, 8.5723, 3.8483

Inverse Universe

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



72.1490, 14.7165, 86.6923



80.4000, 21.0018, 124.1832



109.9750, -46.3297, -73.6461



81.2610, 0.8573, 5.0331



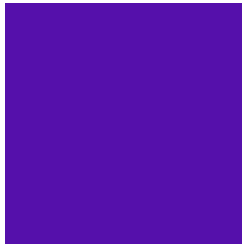
54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 54.3010, 57.5326, 26.9230 looks on a white background.

Color Contrast Check

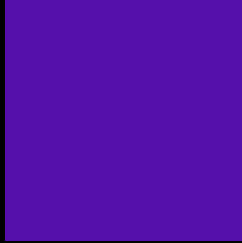
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3010, 57.5326, 26.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

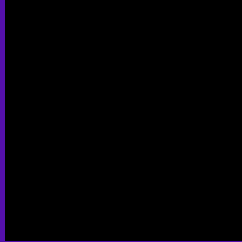
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3010, 57.5326, 26.9230

Background



This preview shows how black text looks on a background with the YUV color 54.3010, 57.5326, 26.9230.



This preview shows how white text looks on a background with the YUV color 54.3010, 57.5326,

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

54.3010, 57.5326, 26.9230

Protanopia

52.8440, 40.0099, -46.3442

Deuteranopia

53.0260, 30.5532, -46.5038



Tritanopia

65.2810, 3.8055, -7.2624

Trichromacy



Original Color

54.3010, 57.5326, 26.9230

Protanomaly

53.6160, 46.0383, -19.8342

Deuteranomaly

53.4220, 40.2180, -19.6641

Tritanomaly

61.2220, 23.5546, 5.0673

Monochromacy



Original Color

54.3010, 57.5326, 26.9230

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9730, 21.2123, 9.6707

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3010, 57.5326, 26.9230 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, 16, 171)` looks like.

```
.text, #text, p{  
    color:rgb(85, 16, 171)  
}
```

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, 16, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 16, 171) }
```

Border

The CSS property to change the border of an element to YUV 54.3010, 57.5326, 26.9230 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, 16, 171) }
```


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

```
.border{ border-color:rgb(85, 16, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 16, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 16, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 16, 171);  
box-shadow:4px 4px 4px 4px rgb(85, 16,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 54.3010, 57.5326, 26.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 16, 171) }
```

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

```
.background{ background-color: rgb(85, 16,  
171) }
```

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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