

Converting Colors

YUV(59.5290, 51.5042, 0.4131)

Have a look what the booklet for
YUV(59.5290, 51.5042, 0.4131)
contains.

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Color

**YUV(59.5290, 51.5042,
0.4131)**

Conversions

Conversions Part 1

Format	Color
Hex	3C27A4
RGB	60, 39, 164
RGB Percent	24%, 15%, 64%
CMY	0.7647, 0.8471, 0.3569
CMYK	0.63, 0.76, 0.00, 0.36
HSL	250°, 62%, 40%
HSV	250°, 76%, 64%
XYZ	9.2898, 5.0920, 35.6152
YIQ	59.5290, -27.6090, 43.3270

Conversions

Conversions Part 2

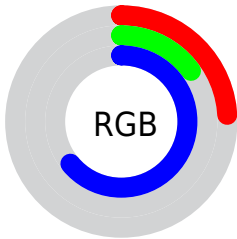
Format	Color
R_{YB}	60, 39, 164
Decimal	3942308
CIE _{Lab}	27.00, 44.99, -63.67
CIE _{LCh}	27, 77.964, 305.246
Yxy	5.0920, 0.1858, 0.1018
Android (android.graphics.Color)	4282132388 (0xFF3C27A4)
YUV	59.5290, 51.5042, 0.4131
Hunter-Lab	22.5655, 33.9957, -77.7816

Details

The YUV color **59.5290, 51.5042, 0.4131** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **143.4710, -51.5042, -0.4131**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0290, 53.2297, 6.9906**, and **12.6540, 48.4846, -11.0976** is the 20% darker color. If you saturate the color by 10%, you get **45.9510, 58.1982, 0.0430**, and if you desaturate by 10%, it is **73.1070, 44.8102, 0.7832**.

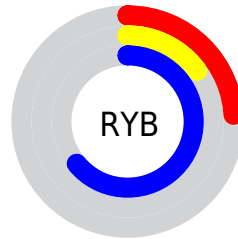
Distribution



Red (24%)

Green (15%)

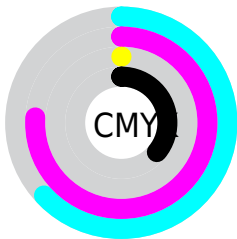
Blue (64%)



Red (24%)

Yellow (15%)

Blue (64%)

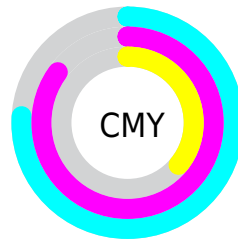


Cyan (63%)

Magenta (76%)

Yellow (0%)

Black (36%)



Cyan (76%)

Magenta (85%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5290, 51.5042, 0.4131 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 59.5290, 51.5042, 0.4131 by changing the saturation by 10% instead.

■ 59.5290, 51.5042,
0.4131

■ 59.5290, 51.5042,
0.4131

■ 255.0000, 0.0000,
0.0000

■ 30.7020, 52.4049,
-8.5087

■ 112.0290, 53.2297,
6.9906

■ 12.6540, 48.4846,
-11.0976

■ 138.6810, 54.3873,
9.0498

■ 9.8040, 37.5646,
-8.5981

■ 163.2980, 45.2091,
12.8937

■ 10.4760, 24.9083,
-9.1875

■ 188.1170, 32.9733,
17.4374

■ 6.0930, 15.7302,
-5.3436

■ 213.5230, 20.4482,
21.4663

■ 2.4110, 6.6994,
-2.1144

■ 235.0420, 9.8393,

■ 0.0000, 0.0000,

17.5032

0.0000

252.0650, 1.4470,
2.5740

59.5290, 51.5042,
0.4131

59.5290, 51.5042,
0.4131

45.9510, 58.1982,
0.0430

73.1070, 44.8102,
0.7832

32.0850, 65.0341,
0.8025

86.9730, 37.9743,
0.0237

27.0680, 67.5075,
0.8174

100.5510, 31.2804,
0.3938

114.7160, 24.2970,
0.2491

127.9950, 17.7505,
0.0044

■ 141.5730, 11.0565,
0.3745

■ 155.7380, 4.0732,
0.2298

■ 169.0170, -2.4734,
-0.0149

■ 183.1820, -9.4567,
-0.1596

Harmonies

Analogous

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



62.9950, 61.1345, -55.2466



59.5290, 51.5042, 0.4131



54.3720, 29.8896, 73.3418

Triad

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



59.5290, 51.5042, 0.4131



57.2890, -28.2435, 52.3665



57.6300, 7.5774, -50.5415

Complementary

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



59.5290, 51.5042, 0.4131



143.4710, -51.5042, -0.4131

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.



48.3620, -22.8565, -42.4135



59.5290, 51.5042, 0.4131



59.6720, -29.4183, 9.0577

Square

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



59.5290, 51.5042, 0.4131



44.5510, -21.9636, 91.6018



45.1990, -22.2831, -39.6395



65.0570, 33.4959, -57.0550

Rectangle

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



59.5290, 51.5042, 0.4131



55.3080, 10.2012, 88.3069



45.1990, -22.2831, -39.6395



55.2360, -1.5953, -48.4420

Sweetspot

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



59.5290, 51.5042, 0.4131



172.9780, 20.2238, 0.0193



114.2980, 24.5031, -66.0363



81.9150, 12.3669, 0.0745



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



59.5290, 51.5042, 0.4131



51.0970, 80.3112, 0.7919



78.0670, 42.3650, 38.5292



74.6240, 3.6364, 0.3298



23.7060, 59.7979, 0.2578



2.9490, 7.4201, 0.0447

Inverse Universe

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



88.2310, 27.0011, 66.4494



95.7730, 42.0169, 103.6851



124.9330, -42.3650, -38.5292



76.4890, 1.7309, 4.8331



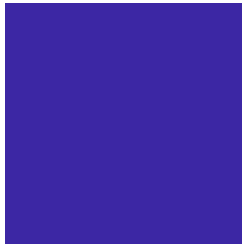
57.1490, 31.4785, 77.0453



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 59.5290, 51.5042, 0.4131 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 59.5290, 51.5042, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

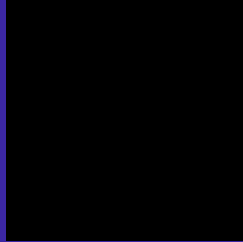
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5290, 51.5042, 0.4131

Background



This preview shows how black text looks on a background with the YUV color 59.5290, 51.5042, 0.4131.



This preview shows how white text looks on a background with the YUV color 59.5290, 51.5042,

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

59.5290, 51.5042, 0.4131

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.3960, 29.3848, -45.0743



Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Original Color

59.5290, 51.5042, 0.4131

Protanomaly

54.4640, 43.1552, -28.4709

Deuteranomaly

54.2700, 37.3349, -28.3008

Tritanomaly

53.6370, 27.2940, -27.7456

Monochromacy



Original Color

59.5290, 51.5042, 0.4131

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6360, 18.9135, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5290, 51.5042, 0.4131 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(60, 39, 164)` looks like.

```
.text, #text, p{  
    color:rgb(60, 39, 164)  
}
```

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(60, 39, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 39, 164) }
```

Border

The CSS property to change the border of an element to YUV 59.5290, 51.5042, 0.4131 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(60, 39, 164) }
```


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

```
.border{ border-color:rgb(60, 39, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 39, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 39, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 39, 164);  
box-shadow:4px 4px 4px 4px rgb(60, 39,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 59.5290, 51.5042, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 39, 164) }
```

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

```
.background{ background-color: rgb(60, 39,  
164) }
```

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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