

Converting Colors

YUV(50.2610, 51.6363, 51.5141)

Have a look what the booklet for
YUV(50.2610, 51.6363, 51.5141)
contains.

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Color

**YUV(50.2610, 51.6363,
51.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	6D009B
RGB	109, 0, 155
RGB Percent	43%, 0%, 61%
CMY	0.5725, 1.0000, 0.3922
CMYK	0.30, 1.00, 0.00, 0.39
HSL	282°, 100%, 30%
HSV	282°, 100%, 61%
XYZ	12.2231, 5.6178, 31.4505
YIQ	50.2610, 15.2090, 71.3130

Conversions

Conversions Part 2

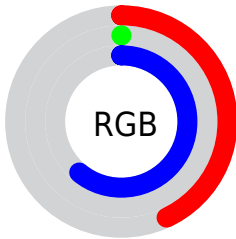
Format	Color
RYB	109, 0, 155
Decimal	7143579
CIELab	28.43, 60.88, -55.61
CIELCh	28, 82.456, 317.592
Yxy	5.6178, 0.2480, 0.1140
Android (android.graphics.Color)	4285333659 (0xFF6D009B)
YUV	50.2610, 51.6363, 51.5141
Hunter-Lab	23.7018, 50.5745, -62.0819

Details

The YUV color **50.2610, 51.6363, 51.5141** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **104.7390, -51.6363, -51.5141**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3650, 47.1481, 44.4069**, and **27.5890, 37.1776, 22.2854** is the 20% darker color. If you saturate the color by 10%, you get **50.2610, 51.6363, 51.5141**, and if you desaturate by 10%, it is **60.5610, 46.5584, 46.8660**.

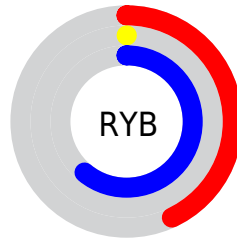
Distribution



Red (43%)

Green (0%)

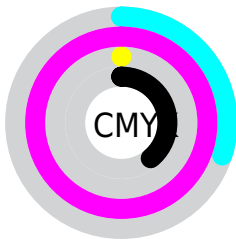
Blue (61%)



Red (43%)

Yellow (0%)

Blue (61%)

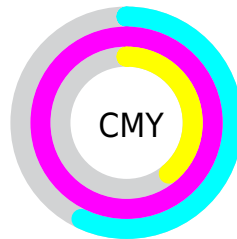


Cyan (30%)

Magenta (100%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (100%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.2610, 51.6363, 51.5141 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 50.2610, 51.6363, 51.5141 by changing the saturation by 10% instead.

■ 50.2610, 51.6363,
51.5141

■ 50.2610, 51.6363,
51.5141

■ 255.0000, 0.0000,
0.0000

■ 38.8110, 43.9702,
36.9998

■ 114.3650, 47.1481,
44.4069

■ 27.5890, 37.1776,
22.2854

■ 142.7780, 47.4374,
44.9217

■ 16.6660, 30.2377,
8.1859

■ 169.4210, 42.1904,
47.8658

■ 6.1560, 23.5871,
-5.3988

■ 194.2400, 29.9547,
52.4095

■ 4.7080, 12.9620,
-4.1289

■ 211.5620, 21.4149,
38.0951

■ 0.3420, 1.3104,
-0.2999

■ 227.9980, 13.3120,

■ 0.0000, 0.0000,

23.6808

0.0000

■ 245.0210, 4.9196,
8.7516

■ 50.2610, 51.6363,
51.5141

■ 60.5610, 46.5584,
46.8660

■ 71.1490, 41.3385,
41.0883

■ 82.0360, 35.9713,
35.9254

■ 92.0370, 31.0408,
30.6626

■ 102.9240, 25.6735,
25.4997

■ 113.2240, 20.5956,
20.8516

■ 123.2250, 15.6651,
15.5887

■ 134.1120, 10.2978,
10.4258

■ 144.1130, 5.3673,
5.1629

Harmonies

Analogous

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



59.5700, 65.7810, -52.2429



50.2610, 51.6363, 51.5141



58.7840, 18.3475, 88.7664

Triad

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



50.2610, 51.6363, 51.5141



63.3810, -31.2468, 35.6229



64.0990, 19.6712, -56.2148

Complementary

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



50.2610, 51.6363, 51.5141



104.7390, -51.6363, -51.5141

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.



55.8740, -9.3049, -49.0015



50.2610, 51.6363, 51.5141



58.3660, -28.7744, -10.8450

Square

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



50.2610, 51.6363, 51.5141



43.6540, -21.5214, 89.7574



49.3080, -24.3088, -43.2431



71.2980, 44.7161, -62.5283

Rectangle

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



50.2610, 51.6363, 51.5141



56.8010, -0.8879, 98.3985



49.3080, -24.3088, -43.2431



61.7050, 10.4984, -54.1153

Sweetspot

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



50.2610, 51.6363, 51.5141



160.6970, 19.8694, 20.4367



44.6720, 54.3917, -39.1773



76.9920, 12.3289, 12.2850



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.



50.2610, 51.6363, 51.5141



65.3720, 66.8646, 67.2028



60.4810, 31.3149, 82.8932



71.4070, 2.7573, 2.2741



45.5610, 46.5584, 46.8660



4.1730, 4.3517, 4.2333

Inverse Universe

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



51.5890, -2.7554, 90.6914



66.9390, -3.4209, 117.5715



94.5190, -31.3149, -82.8932



71.6200, -0.3057, 4.7183



46.6480, -2.2915, 81.8697



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 50.2610, 51.6363, 51.5141 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

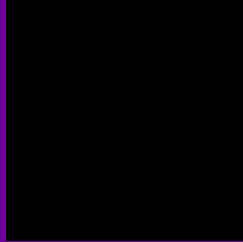
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2610, 51.6363, 51.5141

Background



This preview shows how black text looks on a background with the YUV color 50.2610, 51.6363, 51.5141.



This preview shows how white text looks on a background with the YUV color 50.2610, 51.6363,

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



Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.4000, 33.3268, -49.4628

Tritanopia

71.3230, -3.1172, 19.8877

Trichromacy



Protanomaly

53.9590, 45.8692, -12.2420

Deuteranomaly

54.3520, 39.7595, -12.5867

Tritanomaly

63.6660, 16.9267, 30.9879

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0450, 18.7118, 18.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2610, 51.6363, 51.5141 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(109, 0, 155)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 155)  
}
```

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(109, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 155) }
```

Border

The CSS property to change the border of an element to YUV 50.2610, 51.6363, 51.5141 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(109, 0, 155) }
```

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

```
.border{ border-color:rgb(109, 0, 155) }
```

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

Here you see how a box with a 4 pixel rgb(109, 0, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
155) }
```


Background

The CSS property to change the background color of an element to YUV 50.2610, 51.6363, 51.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 155) }
```

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

```
.background{ background-color: rgb(109, 0,  
155) }
```

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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