

Converting Colors

YUV(51.8610, 31.1275, 2.7529)

Have a look what the booklet for
YUV(51.8610, 31.1275, 2.7529)
contains.

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Color

**YUV(51.8610, 31.1275,
2.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	372673
RGB	55, 38, 115
RGB Percent	22%, 15%, 45%
CMY	0.7843, 0.8510, 0.5490
CMYK	0.52, 0.67, 0.00, 0.55
HSL	253°, 50%, 30%
HSV	253°, 67%, 45%
XYZ	5.3632, 3.4363, 16.6002
YIQ	51.8610, -14.5850, 27.5510

Conversions

Conversions Part 2

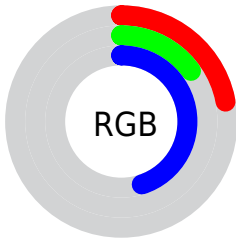
Format	Color
R_{YB}	55, 38, 115
Decimal	3614323
CIE Lab	21.71, 29.22, -41.82
CIE LCh	22, 51.020, 304.944
Yxy	3.4363, 0.2112, 0.1353
Android (android.graphics.Color)	4281804403 (0xFF372673)
YUV	51.8610, 31.1275, 2.7529
Hunter-Lab	18.5371, 19.2037, -40.1190

Details

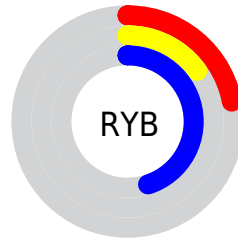
The YUV color **51.8610, 31.1275, 2.7529** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **101.1390, -31.1275, -2.7529**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4530, 33.3007, 5.7417**, and **7.8230, 28.6813, -5.9838** is the 20% darker color. If you saturate the color by 10%, you get **42.7130, 35.6375, 2.8827**, and if you desaturate by 10%, it is **61.0090, 26.6176, 2.6231**.

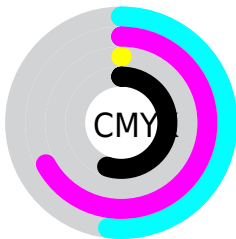
Distribution



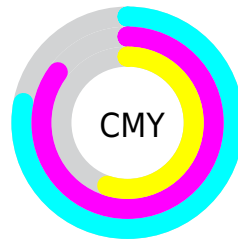
- Red (22%)
- Green (15%)
- Blue (45%)



- Red (22%)
- Yellow (15%)
- Blue (45%)



- Cyan (52%)
- Magenta (67%)
- Yellow (0%)
- Black (55%)



- Cyan (78%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.8610, 31.1275, 2.7529 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 51.8610, 31.1275, 2.7529 by changing the saturation by 10% instead.

■ 51.8610, 31.1275,
2.7529

■ 51.8610, 31.1275,
2.7529

■ 255.0000, 0.0000,
0.0000

■ 28.3120, 30.4122,
-1.1506

■ 100.4530, 33.3007,
5.7417

■ 7.8230, 28.6813,
-5.9838

■ 126.2790, 33.8795,
6.7713

■ 6.6630, 17.9141,
-5.8435

■ 152.5180, 34.7476,
8.3157

■ 2.9810, 8.8834,
-2.6143

■ 179.4580, 35.7632,
9.2453

■ 0.0000, 0.0000,
0.0000

■ 204.6080, 24.8433,
11.7448

■ 229.1280, 12.7549,

15.6737

■ 248.5430, 3.1833,
5.6628

■ 51.8610, 31.1275,
2.7529

■ 51.8610, 31.1275,
2.7529

■ 42.7130, 35.6375,
2.8827

■ 61.0090, 26.6176,
2.6231

■ 32.9780, 40.4368,
3.5273

■ 70.7440, 21.8182,
1.9785

■ 23.2430, 45.2362,
4.1719

■ 80.4790, 17.0189,
1.3339

■ 20.5850, 46.5466,
3.8720

■ 89.6270, 12.5089,
1.2041

■ 99.3620, 7.7095,
0.5595

■ 108.5100, 3.1996,
0.4297

■ 118.2450, -1.5998,
-0.2149

■ 127.3930, -6.1097,
-0.3447

■ 137.1280,
-10.9091, -0.9893

Harmonies

Analogous

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



47.5780, 40.1410, -41.7259



51.8610, 31.1275, 2.7529



41.9380, 21.2296, 50.9204

Triad

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



51.8610, 31.1275, 2.7529



48.6290, -23.9741, 36.2824



45.9410, 5.9451, -40.2903

Complementary

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



51.8610, 31.1275, 2.7529



101.1390, -31.1275, -2.7529

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.



40.0930, -11.3848, -35.1616



51.8610, 31.1275, 2.7529



49.0510, -24.1821, 9.6023

Square

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



51.8610, 31.1275, 2.7529



37.4380, -14.0199, 63.6369



40.8900, -20.1588, -20.9515



50.1590, 22.1066, -43.9894

Rectangle

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



51.8610, 31.1275, 2.7529



40.6270, 9.5509, 63.4711



40.8900, -20.1588, -20.9515



44.3450, -0.1701, -38.8906

Sweetspot

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



51.8610, 31.1275, 2.7529



125.5130, 12.0721, 1.3041



81.9980, 16.2700, -38.5862



61.3620, 7.7095, 0.5595



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



51.8610, 31.1275, 2.7529



51.7530, 48.4358, 4.6016



63.2230, 25.5261, 26.1144



53.9830, 2.4734, 0.0149



21.9810, 49.3094, 4.4017



44.9450, 101.0921, 8.8182

Inverse Universe

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



67.8630, 14.8575, 41.3391



76.5960, 23.3702, 64.3753



89.7770, -25.5261, -26.1144



55.2500, 0.8628, 3.2888



47.3080, 23.5122, 65.5049



96.9800, 48.3239, 134.1985

Previews

White Background



This preview shows how the YUV color 51.8610, 31.1275, 2.7529 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 51.8610, 31.1275, 2.7529 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 51.8610, 31.1275, 2.7529

Background



This preview shows how black text looks on a background with the YUV color 51.8610, 31.1275, 2.7529.



This preview shows how white text looks on a background with the YUV color 51.8610, 31.1275,

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

51.8610, 31.1275, 2.7529

Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.1860, 24.5583, -36.9971



Tritanopia

50.1880, 4.8373, -11.5659

Trichromacy



Original Color

51.8610, 31.1275, 2.7529

Protanomaly

45.5220, 31.7877, -22.3828

Deuteranomaly

45.5560, 26.8409, -22.4126

Tritanomaly

51.0390, 14.2778, -6.1732

Monochromacy



Original Color

51.8610, 31.1275, 2.7529

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8610, 31.1275, 2.7529 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(55, 38, 115)` looks like.

```
.text, #text, p{  
    color:rgb(55, 38, 115)  
}
```

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(55, 38, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 38, 115) }
```

Border

The CSS property to change the border of an element to YUV 51.8610, 31.1275, 2.7529 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(55, 38, 115) }
```


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

```
.border{ border-color:rgb(55, 38, 115) }
```

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

Here you see how a box with a 4 pixel rgb(55, 38, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 38, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 38, 115);  
box-shadow:4px 4px 4px 4px rgb(55, 38,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 51.8610, 31.1275, 2.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 38, 115) }
```

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

```
.background{ background-color: rgb(55, 38,  
115) }
```

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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