

Converting Colors

YUV(59.2920, 71.3410, 31.3159)

Have a look what the booklet for
YUV(59.2920, 71.3410, 31.3159)
contains.

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Color

**YUV(59.2920, 71.3410,
31.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	5F0DCC
RGB	95, 13, 204
RGB Percent	37%, 5%, 80%
CMY	0.6275, 0.9490, 0.2000
CMYK	0.53, 0.94, 0.00, 0.20
HSL	266°, 88%, 43%
HSV	266°, 94%, 80%
XYZ	15.7623, 7.0804, 57.6626
YIQ	59.2920, -12.4390, 76.7850

Conversions

Conversions Part 2

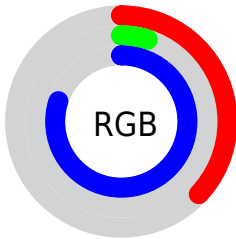
Format	Color
RYB	95, 13, 204
Decimal	6229452
CIELab	31.99, 67.85, -79.07
CIELCh	32, 104.194, 310.634
Yxy	7.0804, 0.1958, 0.0879
Android (android.graphics.Color)	4284419532 (0xFF5F0DCC)
YUV	59.2920, 71.3410, 31.3159
Hunter-Lab	26.6090, 59.1721, -109.8573

Details

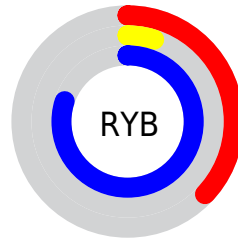
The YUV color **59.2920, 71.3410, 31.3159** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **157.7080, -71.3410, -31.3159**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2120, 65.9575, 31.3861**, and **20.1610, 63.0246, -8.0342** is the 20% darker color. If you saturate the color by 10%, you get **49.5680, 76.1350, 33.7049**, and if you desaturate by 10%, it is **74.6200, 63.7843, 28.3973**.

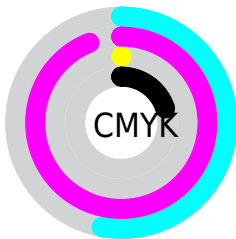
Distribution



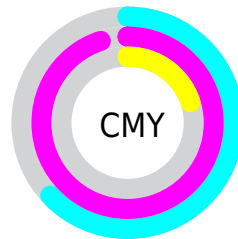
- Red (37%)
- Green (5%)
- Blue (80%)



- Red (37%)
- Yellow (5%)
- Blue (80%)



- Cyan (53%)
- Magenta (94%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (95%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2920, 71.3410, 31.3159 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 59.2920, 71.3410, 31.3159 by changing the saturation by 10% instead.

■ 59.2920, 71.3410,
31.3159

■ 59.2920, 71.3410,
31.3159

255.0000, 0.0000,
0.0000

■ 38.3030, 67.8846,
19.9053

■ 121.2120, 65.9575,
31.3861

■ 20.1610, 63.0246,
-8.0342

■ 146.0310, 53.7217,
35.9298

■ 13.7940, 52.8526,
-12.0973

■ 171.7360, 41.0492,
40.5735

■ 10.8300, 41.4958,
-9.4979

■ 196.5550, 28.8134,
45.1173

■ 12.7900, 28.6975,
-11.2168

■ 215.6710, 19.3892,
34.4915


■ 7.7060, 19.3719,
-6.7582

■ 232.1070, 11.2862,


■ 3.4370, 10.6306,


20.0772


-3.0142


 249.7170, 2.6045,
4.6332


 0.0000, 0.0000,
0.0000


 59.2920, 71.3410,
31.3159


 59.2920, 71.3410,
31.3159


 49.5680, 76.1350,
33.7049

 74.6200, 63.7843,
28.3973

 90.2360, 56.0857,
24.3490

 105.5640, 48.5289,
21.4304

 121.4790, 40.6829,
17.9969

 136.5080, 33.2736,
14.4635

■ 151.8360, 25.7169,
11.5448

■ 167.4520, 18.0182,
7.4966

■ 182.7800, 10.4615,
4.5779

■ 198.6950, 2.6154,
1.1445

Harmonies

Analogous

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



75.9500, 82.8487, -66.6082



59.2920, 71.3410, 31.3159



70.0640, 30.5344, 99.9219

Triad

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



59.2920, 71.3410, 31.3159



68.2420, -33.6433, 57.6698



71.1430, 16.1985, -62.3924

Complementary

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



59.2920, 71.3410, 31.3159



157.7080, -71.3410, -31.3159

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.



58.9110, -25.5921, -51.6649



59.2920, 71.3410, 31.3159



67.8680, -33.4589, -1.6382

Square

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



59.2920, 71.3410, 31.3159



54.4180, -26.8281, 111.8894



55.1780, -27.2028, -48.3911



81.4370, 50.5636, -71.4202

Rectangle

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



59.2920, 71.3410, 31.3159



69.5890, 4.1466, 117.0014



55.1780, -27.2028, -48.3911



67.2500, 3.8207, -58.9783

Sweetspot

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



59.2920, 71.3410, 31.3159



201.0640, 26.5904, 11.3449



99.9310, 51.3060, -76.2385



94.6970, 16.4184, 7.2817



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



59.2920, 71.3410, 31.3159



61.6610, 95.3161, 41.5163



87.0990, 57.6322, 88.4902



94.3360, 3.7784, 1.4593



40.1530, 62.0426, 27.0528



9.1160, 14.2398, 6.0373

Inverse Universe

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



82.5350, 19.4562, 106.5248



92.8890, 26.1837, 142.1713



129.9010, -57.6322, -88.4902



95.6740, 1.1467, 5.5479



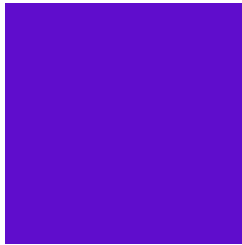
60.4640, 17.0262, 92.5551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 59.2920, 71.3410, 31.3159 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 59.2920, 71.3410, 31.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

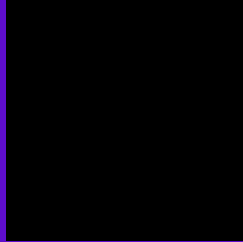
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2920, 71.3410, 31.3159

Background



This preview shows how black text looks on a background with the YUV color 59.2920, 71.3410, 31.3159.



This preview shows how white text looks on a background with the YUV color 59.2920, 71.3410,

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

59.2920, 71.3410, 31.3159

Protanopia

61.1080, 46.2888, -53.5917

Deuteranopia

61.4210, 34.7954, -53.8662



Tritanopia

73.8070, 6.0111, -14.7397

Trichromacy



Original Color

59.2920, 71.3410, 31.3159

Protanomaly

60.7110, 55.3585, -22.5485

Deuteranomaly

60.7620, 47.9383, -22.5933

Tritanomaly

68.8070, 29.6751, 1.9233

Monochromacy



Original Color

59.2920, 71.3410, 31.3159

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9500, 26.1536, 11.4448

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2920, 71.3410, 31.3159 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(95, 13, 204)` looks like.

```
.text, #text, p{  
  color:rgb(95, 13, 204)  
}
```

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(95, 13, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 13, 204) }
```

Border

The CSS property to change the border of an element to YUV 59.2920, 71.3410, 31.3159 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(95, 13, 204) }
```


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

```
.border{ border-color:rgb(95, 13, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 13, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 13, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 13, 204);  
box-shadow:4px 4px 4px 4px rgb(95, 13,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 59.2920, 71.3410, 31.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 13, 204) }
```

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

```
.background{ background-color: rgb(95, 13,  
204) }
```

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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