

Converting Colors

YUV(29.2310, -13.4249,
59.4334)

Have a look what the booklet for
YUV(29.2310, -13.4249, 59.4334)
contains.

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Color

**YUV(29.2310, -13.4249,
59.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	610002
RGB	97, 0, 2
RGB Percent	38%, 0%, 1%
CMY	0.6196, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.62
HSL	359°, 100%, 19%
HSV	359°, 100%, 38%
XYZ	4.9407, 2.5458, 0.2884
YIQ	29.2310, 57.1700, 21.1860

Conversions

Conversions Part 2

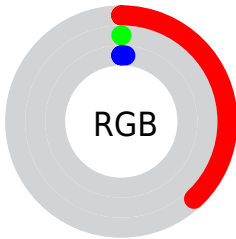
Format	Color
R_{YB}	97, 0, 2
Decimal	6356994
CIE _{Lab}	18.12, 39.52, 27.12
CIE _{LCh}	18, 47.929, 34.465
Yxy	2.5458, 0.6355, 0.3274
Android (android.graphics.Color)	4284547074 (0xFF610002)
YUV	29.2310, -13.4249, 59.4334
Hunter-Lab	15.9555, 27.3517, 10.0971

Details

The YUV color **29.2310, -13.4249, 59.4334** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.7690, 13.4249, -59.4334**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.5640, -18.5191, 60.0184**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **29.2310, -13.4249, 59.4334**, and if you desaturate by 10%, it is **36.2410, -11.9508, 53.2856**.

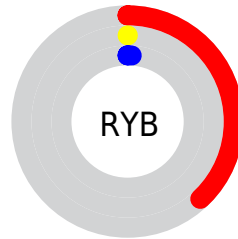
Distribution



Red (38%)

Green (0%)

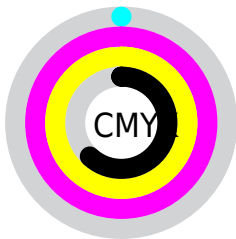
Blue (1%)



Red (38%)

Yellow (0%)

Blue (1%)

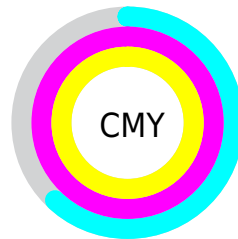


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (62%)



Cyan (62%)


Magenta (100%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 29.2310, -13.4249, 59.4334 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 29.2310, -13.4249, 59.4334 by changing the saturation by 10% instead.


 29.2310, -13.4249,
59.4334


 29.2310, -13.4249,
59.4334

 247.6990,
-10.2046, 6.4030

 20.6310, -10.1711,
42.4196

 85.5640, -18.5191,
60.0184

 13.2700, -6.0491,
26.9502

 112.4180,
-20.4191, 62.7774

 0.0000, 0.0000,
0.0000

 138.6850,
-22.0297, 66.0513


 166.3540,
-23.3455, 68.0955


 188.4560,
-21.4238, 58.3591


 207.9700,


-17.7332, 41.2453


 227.4840,
-14.0426, 24.1315


 29.2310, -13.4249,
59.4334

 36.2410, -11.9508,
53.2856

 42.5500, -10.6241,
47.7527

 49.5600, -9.1501,
41.6049

 56.4560, -8.1128,
35.5571

 63.4660, -6.6387,
29.4093

■ 69.7750, -5.3121,
23.8763

■ 76.7850, -3.8380,
17.7286

■ 83.6810, -2.8007,
11.6808

■ 90.1040, -1.0373,
6.0478

Harmonies

Analogous

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



35.1720, 2.8732, 58.6082



29.2310, -13.4249, 59.4334



40.9320, -20.1795, 32.5086

Triad

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



29.2310, -13.4249, 59.4334



34.0120, -11.8379, -29.8285



41.2860, 36.3410, -36.2078

Complementary

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



29.2310, -13.4249, 59.4334



67.7690, 13.4249, -59.4334

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.



45.1840, 30.9683, -39.6264



29.2310, -13.4249, 59.4334



39.6320, 4.6184, -34.7573

Square

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



29.2310, -13.4249, 59.4334



34.4000, -16.9592, -20.5218



43.5080, 19.4696, -38.1565



43.8670, 28.6596, 0.9936

Rectangle

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



29.2310, -13.4249, 59.4334



42.3060, -20.8569, 16.3946



43.5080, 19.4696, -38.1565



43.0470, 35.4728, -37.7522

Sweetspot

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



29.2310, -13.4249, 59.4334



98.4760, -5.1647, 23.2615



39.1640, 28.5131, 48.0912



47.8770, -3.3904, 14.1399



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



29.2310, -13.4249, 59.4334



37.7170, -17.1155, 76.5472



55.4180, -27.3211, 36.4674



45.1960, -0.5896, 2.4591



33.7160, -15.6360, 68.6551



72.3300, -33.1937, 147.0466

Inverse Universe

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



29.2310, -13.4249, 59.4334



37.7170, -17.1155, 76.5472



41.5820, 27.3211, -36.4674



45.1960, -0.5896, 2.4591



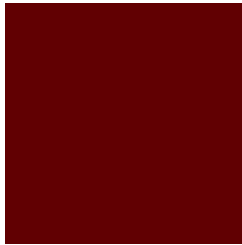
33.7160, -15.6360, 68.6551



72.3300, -33.1937, 147.0466

Previews

White Background



This preview shows how the YUV color 29.2310, -13.4249, 59.4334 looks on a white background.

Color Contrast Check

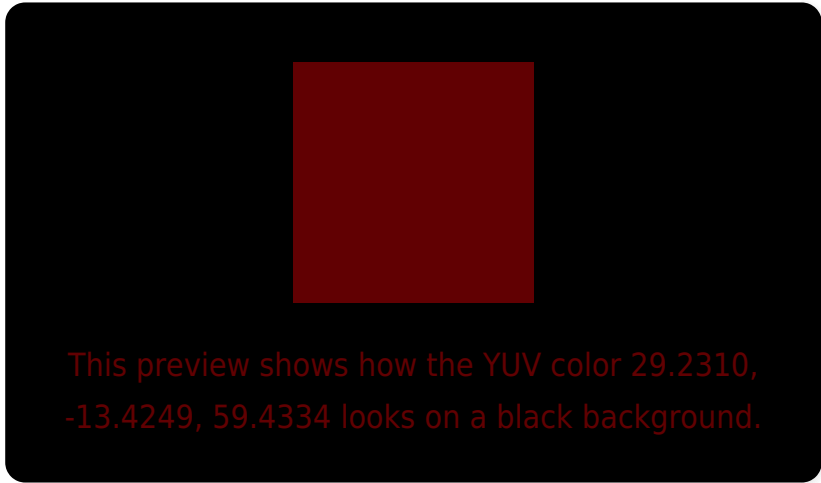
Large Text (above 18pt) WCAG AA ✓ Pass

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

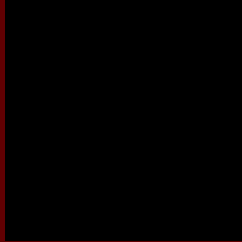
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.2310, -13.4249, 59.4334

Background



This preview shows how black text looks on a background with the YUV color 29.2310, -13.4249, 59.4334.



This preview shows how white text looks on a background with the YUV color 29.2310, -13.4249,

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

29.2310, -13.4249, 59.4334

Protanopia

46.6900, -16.6092, 7.2879

Deuteranopia

45.5400, -22.4512, 14.4354



Tritanopia

33.9870, -16.7556, 54.3854

Trichromacy



Original Color

29.2310, -13.4249, 59.4334

Protanomaly

40.1530, -15.3584, 26.1758

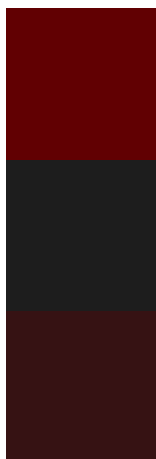
Deuteranomaly

39.5620, -19.0111, 31.0791

Tritanomaly

32.3400, -15.4506, 55.8298

Monochromacy



Original Color

29.2310, -13.4249, 59.4334

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8780, -4.8699, 22.0320

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.2310, -13.4249, 59.4334 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(97, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(97, 0, 2)  
}
```

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(97, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 0, 2) }
```

Border

The CSS property to change the border of an element to YUV 29.2310, -13.4249, 59.4334 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(97, 0, 2) }
```


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

```
.border{ border-color:rgb(97, 0, 2) }
```

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

Here you see how a box with a 4 pixel rgb(97, 0, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 0, 2); box-shadow:4px  
4px 4px 4px rgb(97, 0, 2) }
```

Background

The CSS property to change the background color of an element to YUV 29.2310, -13.4249, 59.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 0, 2) }
```

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

```
.background{ background-color: rgb(97, 0,  
2) }
```

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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