

Converting Colors

YUV(31.1970, -8.4781, 59.4632)

Have a look what the booklet for
YUV(31.1970, -8.4781, 59.4632)
contains.

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Color

**YUV(31.1970, -8.4781,
59.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	63000E
RGB	99, 0, 14
RGB Percent	39%, 0%, 5%
CMY	0.6118, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.86, 0.61
HSL	352°, 100%, 19%
HSV	352°, 100%, 39%
XYZ	5.2249, 2.6844, 0.6582
YIQ	31.1970, 54.5100, 25.3420

Conversions

Conversions Part 2

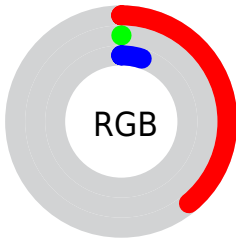
Format	Color
R_{YB}	99, 0, 14
Decimal	6488078
CIE _{Lab}	18.73, 40.40, 22.88
CIE _{LCh}	19, 46.435, 29.525
Yxy	2.6844, 0.6099, 0.3133
Android (android.graphics.Color)	4284678158 (0xFF63000E)
YUV	31.1970, -8.4781, 59.4632
Hunter-Lab	16.3840, 28.2516, 9.0869

Details

The YUV color **31.1970, -8.4781, 59.4632** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.8030, 8.4781, -59.4632**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6610, -15.6089, 59.9333**, and **13.9820, -5.9071, 28.0798** is the 20% darker color. If you saturate the color by 10%, you get **31.1970, -8.4781, 59.4632**, and if you desaturate by 10%, it is **38.0930, -7.4408, 53.4154**.

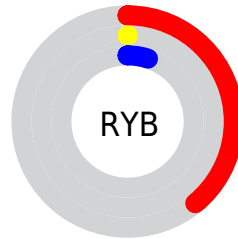
Distribution



Red (39%)

Green (0%)

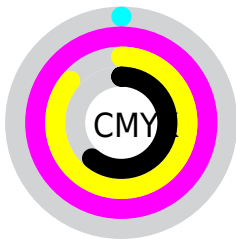
Blue (5%)



Red (39%)

Yellow (0%)

Blue (5%)

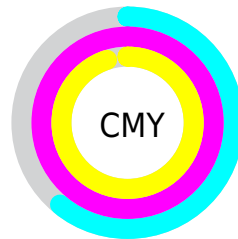


Cyan (0%)

Magenta (100%)

Yellow (86%)

Black (61%)



Cyan (61%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 31.1970, -8.4781, 59.4632 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 31.1970, -8.4781, 59.4632 by changing the saturation by 10% instead.


 31.1970, -8.4781,
59.4632


 31.1970, -8.4781,
59.4632

 249.4260, -6.1260,
4.8884


 21.2290, -10.4659,
43.6492


 87.6610, -15.6089,
59.9333


 13.9820, -5.9071,
28.0798

 114.5150,
-17.5089, 62.6923

 0.0000, 0.0000,
0.0000


 140.5970,
-18.5353, 65.2514


 168.6790,
-19.5617, 67.8105


 190.1830,
-17.3452, 56.8445


 209.5830,


-14.0914, 39.8307


 229.2110, -9.9640,
22.6170


 31.1970, -8.4781,
59.4632

 38.0930, -7.4408,
53.4154

 44.8750, -6.8404,
47.4676

 51.7710, -5.8031,
41.4198

 58.5530, -5.2026,
35.4720

 65.4490, -4.1654,
29.4242

■ 71.6440, -3.2755,
23.9912

■ 78.5400, -2.2382,
17.9434

■ 85.3220, -1.6377,
11.9956

■ 92.2180, -0.6005,
5.9478

Harmonies

Analogous

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



35.6710, 6.0782, 57.2935



31.1970, -8.4781, 59.4632



41.8400, -20.6271, 36.0973

Triad

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



31.1970, -8.4781, 59.4632



34.0290, -14.3113, -29.8434



42.9330, 35.0360, -37.6522

Complementary

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



31.1970, -8.4781, 59.4632



67.8030, 8.4781, -59.4632

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.



45.3150, 28.9317, -39.7413



31.1970, -8.4781, 59.4632



39.6490, 2.1450, -34.7722

Square

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



31.1970, -8.4781, 59.4632



38.2870, -18.8755, -12.5297



43.5250, 16.9962, -38.1714



44.1540, 29.9971, -8.0281

Rectangle

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



31.1970, -8.4781, 59.4632



43.5130, -21.4519, 20.5981



43.5250, 16.9962, -38.1714



43.9930, 34.0205, -38.5819

Sweetspot

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



31.1970, -8.4781, 59.4632



101.3450, -3.1281, 23.3764



36.4020, 30.8608, 41.7434



48.2190, -2.0800, 13.8399



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.



31.1970, -8.4781, 59.4632



40.3240, -11.0057, 76.8919



50.1460, -24.7220, 42.8450



45.1960, -0.5896, 2.4591



35.3120, -9.5208, 67.2554



75.6360, -20.5265, 144.1472

Inverse Universe

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



31.1970, -8.4781, 59.4632



40.3240, -11.0057, 76.8919



48.8540, 24.7220, -42.8450



45.1960, -0.5896, 2.4591



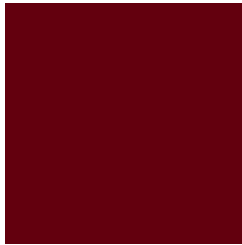
35.3120, -9.5208, 67.2554



75.6360, -20.5265, 144.1472

Previews

White Background



This preview shows how the YUV color 31.1970, -8.4781, 59.4632 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

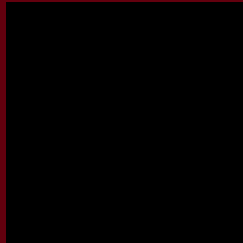
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.1970, -8.4781, 59.4632

Background



This preview shows how black text looks on a background with the YUV color 31.1970, -8.4781, 59.4632.

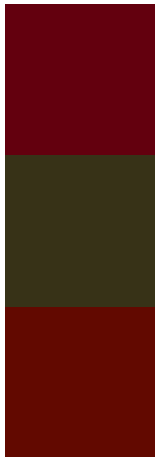


This preview shows how white text looks on a background with the YUV color 31.1970, -8.4781,

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

31.1970, -8.4781, 59.4632

Protanopia

48.4170, -12.5306, 5.7733

Tritanopia

34.5850, -17.0504, 55.6150

Trichromacy



Original Color

31.1970, -8.4781, 59.4632

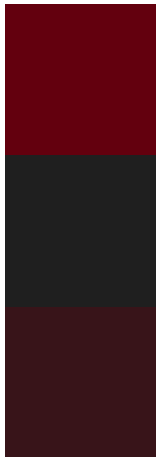
Protanomaly

42.2930, -10.9904, 25.1760

Tritanomaly

33.3940, -13.9982, 56.6595

Monochromacy



Original Color

31.1970, -8.4781, 59.4632

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.3340, -3.1227, 21.6321

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.1970, -8.4781, 59.4632 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(99, 0, 14)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 14)  
}
```

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(99, 0, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 14) }
```

Border

The CSS property to change the border of an element to YUV 31.1970, -8.4781, 59.4632 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(99, 0, 14) }
```

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

```
.border{ border-color:rgb(99, 0, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 0, 14); box-shadow:4px  
4px 4px 4px rgb(99, 0, 14) }
```


Background

The CSS property to change the background color of an element to YUV 31.1970, -8.4781, 59.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 14) }
```

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

```
.background{ background-color: rgb(99, 0,  
14) }
```

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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