

Converting Colors

YUV(58.3460, -4.6076, 31.2686)

Have a look what the booklet for
YUV(58.3460, -4.6076, 31.2686)
contains.

YUV(58.3460, -4.6076, 31.2686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.3460, -4.6076,
31.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	5E2A31
RGB	94, 42, 49
RGB Percent	37%, 16%, 19%
CMY	0.6314, 0.8353, 0.8078
CMYK	0.00, 0.55, 0.48, 0.63
HSL	352°, 38%, 27%
HSV	352°, 55%, 37%
XYZ	5.9984, 4.2574, 3.4113
YIQ	58.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

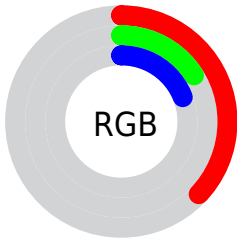
Format	Color
R_{YB}	94, 42, 49
Decimal	6171185
CIE Lab	24.50, 24.48, 6.79
CIE LCh	25, 25.403, 15.493
Yxy	4.2574, 0.4389, 0.3115
Android (android.graphics.Color)	4284361265 (0xFF5E2A31)
YUV	58.3460, -4.6076, 31.2686
Hunter-Lab	20.6334, 15.7842, 4.6409

Details

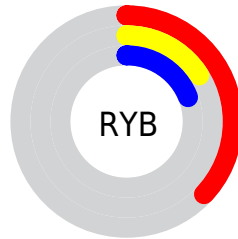
The YUV color **58.3460, -4.6076, 31.2686** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **77.6540, 4.6076, -31.2686**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0260, -5.9288, 35.0572**, and **13.8680, -6.3439, 28.1798** is the 20% darker color. If you saturate the color by 10%, you get **52.1510, -5.4974, 36.7016**, and if you desaturate by 10%, it is **64.5410, -3.7177, 25.8355**.

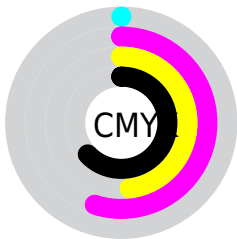
Distribution



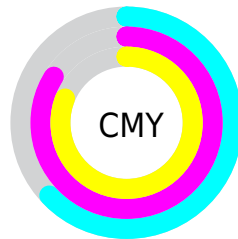
- Red (37%)
- Green (16%)
- Blue (19%)



- Red (37%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (55%)
- Yellow (48%)
- Black (63%)



- Cyan (63%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3460, -4.6076, 31.2686 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 58.3460, -4.6076, 31.2686 by changing the saturation by 10% instead.

■ 58.3460, -4.6076,
31.2686

■ 58.3460, -4.6076,
31.2686

255.0000, 0.0000,
0.0000

■ 34.9760, -3.4392,
29.8390

■ 107.0260, -5.9288,
35.0572

■ 13.8680, -6.3439,
28.1798

■ 132.6240, -6.2236,
36.2868

■ 0.5980, -0.2948,
1.2296

■ 159.1080, -6.9552,
37.6163

■ 0.0000, 0.0000,
0.0000

■ 186.7060, -7.2501,
38.8458

■ 212.8090, -6.8078,
37.0015

■ 232.4370, -2.6804,

19.7878

252.6520, 1.1576,
2.0592

58.3460, -4.6076,
31.2686

58.3460, -4.6076,
31.2686

52.1510, -5.4974,
36.7016

64.5410, -3.7177,
25.8355

45.3690, -6.0979,
42.6494

71.3230, -3.1172,
19.8877

39.1740, -6.9878,
48.0824

77.5180, -2.2274,
14.4547

32.2780, -8.0251,
54.1302

84.4140, -1.1901,
8.4069

29.5880, -8.1779,
56.4893

90.6090, -0.3002,
2.9739

■ 96.8040, 0.5896,
-2.4591

■ 103.5860, 1.1901,
-8.4069

■ 109.7810, 2.0800,
-13.8399

■ 116.5630, 2.6804,
-19.7878

Harmonies

Analogous

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



59.6040, 4.1392, 25.7803



58.3460, -4.6076, 31.2686



57.8480, -12.7431, 27.3203

Triad

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



58.3460, -4.6076, 31.2686



52.9370, -11.3079, -13.0997



47.8110, 23.2642, -41.9302

Complementary

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



58.3460, -4.6076, 31.2686



77.6540, 4.6076, -31.2686

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.



49.0190, 17.7386, -42.9897



58.3460, -4.6076, 31.2686



45.1000, 1.4297, -38.6757

Square

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



58.3460, -4.6076, 31.2686



55.3260, -17.9087, 4.0991



47.6680, 10.0237, -41.8048



57.1460, 18.6620, -12.4060

Rectangle

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



58.3460, -4.6076, 31.2686



57.0770, -16.8000, 21.8575



47.6680, 10.0237, -41.8048



48.1700, 22.1012, -42.2451

Sweetspot

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



58.3460, -4.6076, 31.2686



108.2080, -2.0745, 12.0956



61.0840, 16.2276, 21.8513



52.8160, -0.8953, 7.1774



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



58.3460, -4.6076, 31.2686



67.0600, -7.4246, 48.1824



68.1140, -12.8742, 22.7020



42.6090, -0.3002, 2.9739



34.6000, -9.6628, 66.1258



74.5110, -20.9579, 142.5029

Inverse Universe

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



58.3460, -4.6076, 31.2686



67.0600, -7.4246, 48.1824



67.8860, 12.8742, -22.7020



42.6090, -0.3002, 2.9739



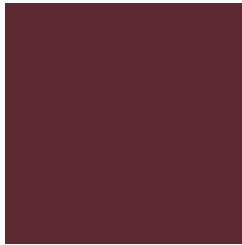
34.6000, -9.6628, 66.1258



74.5110, -20.9579, 142.5029

Previews

White Background



This preview shows how the YUV color 58.3460, -4.6076, 31.2686 looks on a white background.

Color Contrast Check

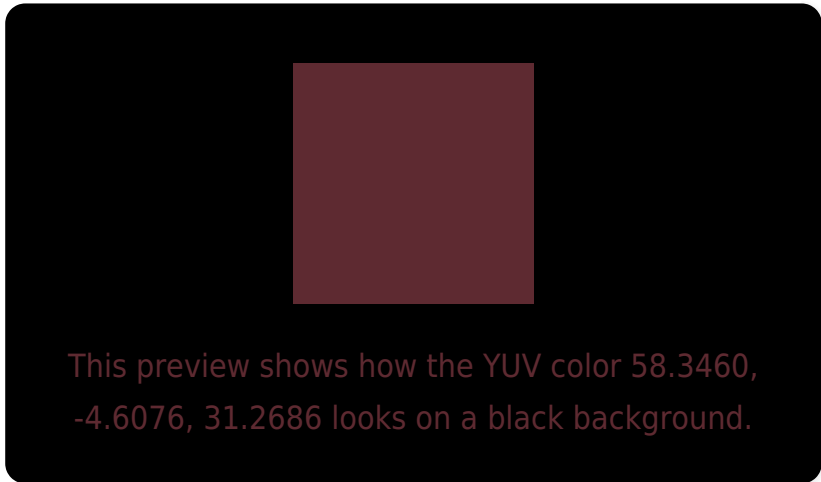
Large Text (above 18pt) WCAG AA ✓ Pass

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

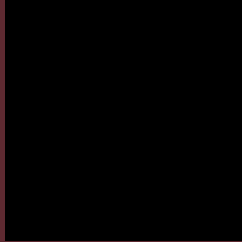
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3460, -4.6076, 31.2686

Background



This preview shows how black text looks on a background with the YUV color 58.3460, -4.6076, 31.2686.

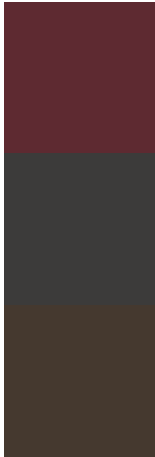


This preview shows how white text looks on a background with the YUV color 58.3460, -4.6076,

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

58.3460, -4.6076, 31.2686

Protanopia

59.1850, -0.5842, 0.7148

Deuteranopia

59.4480, -6.1369, 8.3771



Tritanopia

58.5910, -6.2074, 31.0537

Trichromacy



Original Color

58.3460, -4.6076, 31.2686

Protanomaly

58.9090, -1.9271, 11.4808

Deuteranomaly

59.3180, -5.5798, 16.3841

Tritanomaly

58.7050, -5.7706, 30.9537

Monochromacy



Original Color

58.3460, -4.6076, 31.2686

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0230, -1.4903, 11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3460, -4.6076, 31.2686 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(94, 42, 49)` looks like.

```
.text, #text, p{  
    color:rgb(94, 42, 49)  
}
```

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(94, 42, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 42, 49) }
```

Border

The CSS property to change the border of an element to YUV 58.3460, -4.6076, 31.2686 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(94, 42, 49) }
```


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

```
.border{ border-color:rgb(94, 42, 49) }
```

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

Here you see how a box with a 4 pixel rgb(94, 42, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 42, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 42, 49);  
box-shadow:4px 4px 4px 4px rgb(94, 42, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.3460, -4.6076, 31.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 42, 49) }
```

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

```
.background{ background-color: rgb(94, 42,  
49) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor