

Converting Colors

YUV(34.0880, -6.4524, 63.0668)

Have a look what the booklet for
YUV(34.0880, -6.4524, 63.0668)
contains.

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Color

**YUV(34.0880, -6.4524,
63.0668)**

Conversions

Conversions Part 1

Format	Color
Hex	6A0015
RGB	106, 0, 21
RGB Percent	42%, 0%, 8%
CMY	0.5843, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.80, 0.58
HSL	348°, 100%, 21%
HSV	348°, 100%, 42%
XYZ	6.0792, 3.1183, 0.9910
YIQ	34.0880, 56.4350, 29.0030

Conversions

Conversions Part 2

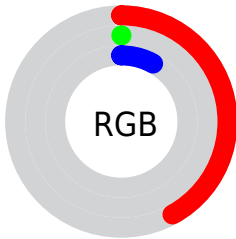
Format	Color
R_YB	106, 0, 21
Decimal	6946837
CIE Lab	20.51, 42.58, 21.19
CIE LCh	21, 47.564, 26.462
Yxy	3.1183, 0.5967, 0.3061
Android (android.graphics.Color)	4285136917 (0xFF6A0015)
YUV	34.0880, -6.4524, 63.0668
Hunter-Lab	17.6587, 30.5477, 9.0340

Details

The YUV color **34.0880, -6.4524, 63.0668** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.9120, 6.4524, -63.0668**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0250, -14.3093, 63.1221**, and **16.0750, -6.9390, 32.3832** is the 20% darker color. If you saturate the color by 10%, you get **34.0880, -6.4524, 63.0668**, and if you desaturate by 10%, it is **41.5710, -5.7045, 56.5042**.

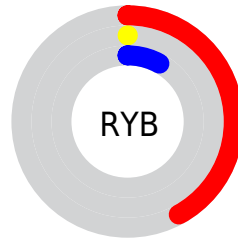
Distribution



Red (42%)

Green (0%)

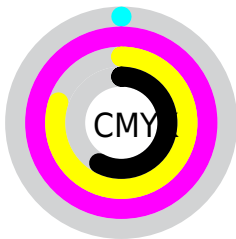
Blue (8%)



Red (42%)

Yellow (0%)

Blue (8%)

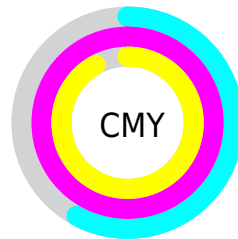


Cyan (0%)

Magenta (100%)

Yellow (80%)

Black (58%)



Cyan (58%)


Magenta (100%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 34.0880, -6.4524, 63.0668 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 34.0880, -6.4524, 63.0668 by changing the saturation by 10% instead.


 34.0880, -6.4524,
63.0668


 34.0880, -6.4524,
63.0668


 252.8000, -3.3524,
1.9294

 23.3220, -11.4977,
47.9526

 92.0250, -14.3093,
63.1221


 16.0750, -6.9390,
32.3832

 118.6940,
-15.6251, 65.1664

 1.1960, -0.5896,
2.4591

 145.6620,
-17.0884, 67.8254

 0.0000, 0.0000,
0.0000


 173.6300,
-18.5516, 70.4845


 192.8560,
-14.7190, 54.5003


 212.3700,


-11.0284, 37.3865


 232.4710, -7.6272,
19.7579


 34.0880, -6.4524,
63.0668

 41.5710, -5.7045,
56.5042

 48.3530, -5.1040,
50.5564

 55.8360, -4.3561,
43.9938

 62.6180, -3.7557,
38.0460

 70.1010, -3.0078,
31.4834

■ 77.4700, -2.6967,
25.0208

■ 84.3660, -1.6594,
18.9730

■ 91.7350, -1.3484,
12.5104

■ 98.6310, -0.3111,
6.4626

Harmonies

Analogous

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



37.9640, 8.3987, 59.6676



34.0880, -6.4524, 63.0668



44.8190, -22.0958, 40.5007

Triad

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



34.0880, -6.4524, 63.0668



36.1490, -16.3425, -31.7027



46.5520, 36.2099, -40.8261

Complementary

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



34.0880, -6.4524, 63.0668



71.9120, 6.4524, -63.0668

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.



48.7060, 29.2319, -42.7152



34.0880, -6.4524, 63.0668



41.9970, 0.9875, -36.8314

Square

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



34.0880, -6.4524, 63.0668



42.4400, -20.9229, -9.1559



46.6880, 16.4228, -40.9454



46.2070, 32.9289, -15.0905

Rectangle

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



34.0880, -6.4524, 63.0668



47.0790, -23.2099, 24.4867



46.6880, 16.4228, -40.9454



47.4980, 34.7575, -41.6557

Sweetspot

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



34.0880, -6.4524, 63.0668



109.5840, -2.2599, 24.9208



37.4990, 33.7710, 41.6584



52.0450, -1.5012, 14.8695



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



34.0880, -6.4524, 63.0668



44.3400, -8.5486, 82.1398



50.4780, -24.8857, 48.6928



49.9080, -0.4476, 3.5887



37.6050, -7.2003, 69.6294



78.7270, -15.1484, 145.8214

Inverse Universe

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



34.0880, -6.4524, 63.0668



44.3400, -8.5486, 82.1398



55.5220, 24.8857, -48.6928



49.9080, -0.4476, 3.5887



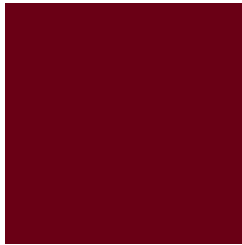
37.6050, -7.2003, 69.6294



78.7270, -15.1484, 145.8214

Previews

White Background



This preview shows how the YUV color 34.0880, -6.4524, 63.0668 looks on a white background.

Color Contrast Check

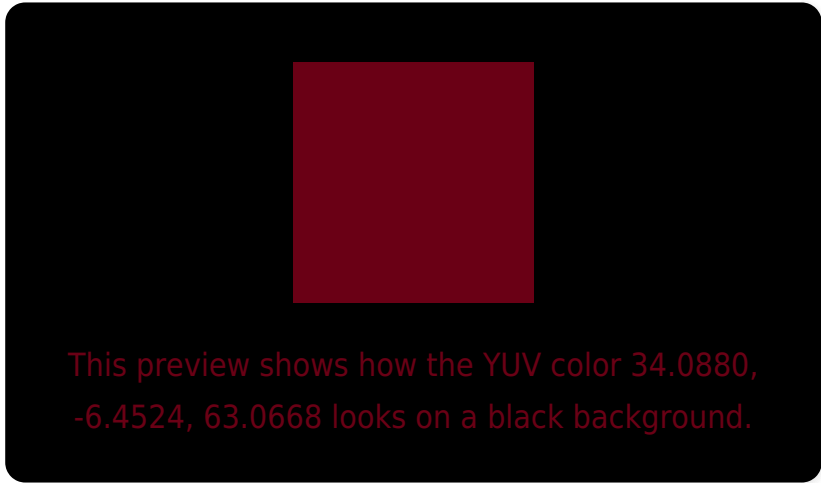
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0880, -6.4524, 63.0668

Background



This preview shows how black text looks on a background with the YUV color 34.0880, -6.4524, 63.0668.



This preview shows how white text looks on a background with the YUV color 34.0880, -6.4524,

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

34.0880, -6.4524, 63.0668

Protanopia

53.1010, -9.9098, 5.1734

Deuteranopia

51.7510, -19.1042, 14.2504



Tritanopia

36.9770, -18.2297, 60.5332

Trichromacy



Original Color

34.0880, -6.4524, 63.0668

Protanomaly

45.9880, -8.3751, 26.3205

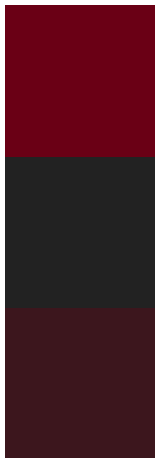
Deuteranomaly

45.1260, -14.3591, 32.3385

Tritanomaly

36.1280, -13.8671, 61.2777

Monochromacy



Original Color

34.0880, -6.4524, 63.0668

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1600, -2.5439, 22.6617

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.0880, -6.4524, 63.0668 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(106, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 21)  
}
```

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(106, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 21) }
```

Border

The CSS property to change the border of an element to YUV 34.0880, -6.4524, 63.0668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

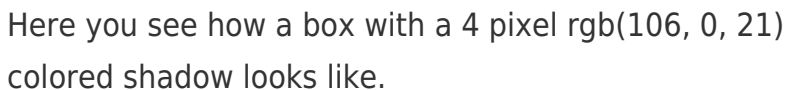
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 0, 21) }
```


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

```
.border{ border-color:rgb(106, 0, 21) }
```

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



Here you see how a box with a 4 pixel rgb(106, 0, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(106, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.0880, -6.4524, 63.0668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 21) }
```

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

```
.background{ background-color: rgb(106, 0,  
21) }
```

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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