

Converting Colors

YUV(34.4790, -6.1521, 60.0929)

Have a look what the booklet for
YUV(34.4790, -6.1521, 60.0929)
contains.

YUV(34.4790, -6.1521, 60.0929)	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(34.4790, -6.1521,
60.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	670216
RGB	103, 2, 22
RGB Percent	40%, 1%, 9%
CMY	0.5961, 0.9922, 0.9137
CMYK	0.00, 0.98, 0.79, 0.60
HSL	348°, 96%, 21%
HSV	348°, 98%, 40%
XYZ	5.7600, 2.9849, 1.0316
YIQ	34.4790, 53.7760, 27.6320

Conversions

Conversions Part 2

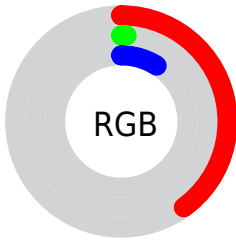
Format	Color
R_YB	103, 2, 22
Decimal	6750742
CIE Lab	19.98, 41.30, 19.72
CIE LCh	20, 45.762, 25.526
Yxy	2.9849, 0.5892, 0.3053
Android (android.graphics.Color)	4284940822 (0xFF670216)
YUV	34.4790, -6.1521, 60.0929
Hunter-Lab	17.2769, 29.2766, 8.5536

Details

The YUV color **34.4790, -6.1521, 60.0929** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **70.5210, 6.1521, -60.0929**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.9430, -13.2829, 60.5630**, and **15.4770, -6.6442, 31.1537** is the 20% darker color. If you saturate the color by 10%, you get **33.0770, -6.4470, 61.3225**, and if you desaturate by 10%, it is **41.2610, -5.5517, 54.1451**.

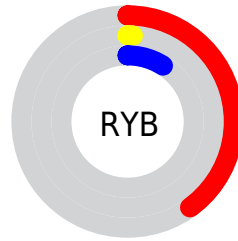
Distribution



Red (40%)

Green (1%)

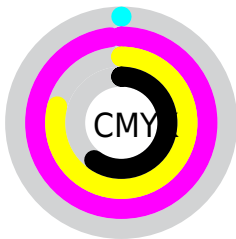
Blue (9%)



Red (40%)

Yellow (1%)

Blue (9%)

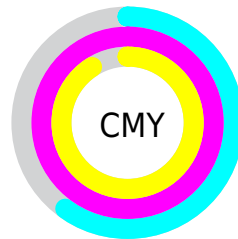


Cyan (0%)

Magenta (98%)

Yellow (79%)

Black (60%)



Cyan (60%)


Magenta (99%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.4790, -6.1521, 60.0929 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 34.4790, -6.1521, 60.0929 by changing the saturation by 10% instead.


 34.4790, -6.1521,
60.0929


 34.4790, -6.1521,
60.0929

 252.3270, -2.6262,
2.3442

 22.7240, -11.2029,
46.7231


 90.9430, -13.2829,
60.5630


 15.4770, -6.6442,
31.1537

 117.9110,
-14.7461, 63.2221

 0.0000, 0.0000,
0.0000

 144.5800,
-16.0619, 65.2663

 172.5480,
-17.5252, 67.9254

 192.9700,
-14.2822, 54.4003

 212.4840,

-10.5916, 37.2865

232.1120, -6.4642,
20.0728

34.4790, -6.1521,
60.0929

34.4790, -6.1521,
60.0929

33.0770, -6.4470,
61.3225

41.2610, -5.5517,
54.1451

48.7440, -4.8038,
47.5825

55.5260, -4.2033,
41.6347

62.3080, -3.6028,
35.6869

69.0900, -3.0024,
29.7391

■ 76.5730, -2.2545,
23.1765

■ 83.3550, -1.6540,
17.2287

■ 90.1370, -1.0535,
11.2809

■ 97.5060, -0.7425,
4.8182

Harmonies

Analogous

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



36.7680, 8.9884, 57.2085



34.4790, -6.1521, 60.0929



43.6340, -21.5116, 39.7860

Triad

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



34.4790, -6.1521, 60.0929



34.9750, -15.7637, -30.6731



44.9220, 35.0415, -39.3966

Complementary

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



34.4790, -6.1521, 60.0929



70.5210, 6.1521, -60.0929

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.



47.0760, 28.0635, -41.2857



34.4790, -6.1521, 60.0929



41.1820, 0.4033, -36.1166

Square

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



34.4790, -6.1521, 60.0929



42.1520, -20.7809, -8.0263



45.0580, 15.2544, -39.5159



45.2670, 31.9134, -16.0202

Rectangle

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



34.4790, -6.1521, 60.0929



46.1930, -22.7731, 24.3867



45.0580, 15.2544, -39.5159



46.4550, 33.2997, -40.7410

Sweetspot

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



34.4790, -6.1521, 60.0929



108.5730, -2.2545, 23.1765



37.7330, 32.1766, 39.6992



52.7460, -1.3538, 14.2548



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.



34.4790, -6.1521, 60.0929



43.4430, -8.1064, 80.2955



49.8090, -23.5698, 46.6485



47.6090, -0.3002, 2.9739



37.0070, -6.9055, 68.3999



77.8300, -14.7062, 143.9771

Inverse Universe

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



34.4790, -6.1521, 60.0929



43.4430, -8.1064, 80.2955



55.1910, 23.5698, -46.6485



47.6090, -0.3002, 2.9739



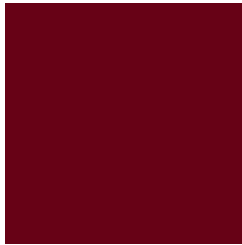
37.0070, -6.9055, 68.3999



77.8300, -14.7062, 143.9771

Previews

White Background



This preview shows how the YUV color 34.4790, -6.1521, 60.0929 looks on a white background.

Color Contrast Check

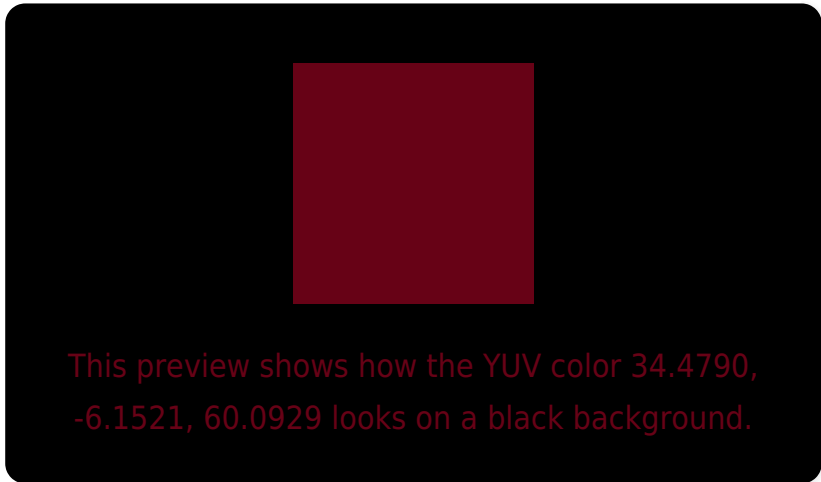
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4790, -6.1521, 60.0929

Background



This preview shows how black text looks on a background with the YUV color 34.4790, -6.1521, 60.0929.



This preview shows how white text looks on a background with the YUV color 34.4790, -6.1521,

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

34.4790, -6.1521, 60.0929

Protanopia

51.4430, -8.5994, 4.8735

Deuteranopia

50.7940, -17.6464, 13.3357



Tritanopia

36.4220, -16.4770, 58.3889

Trichromacy



Original Color

34.4790, -6.1521, 60.0929

Protanomaly

45.5040, -7.6435, 24.9910

Deuteranomaly

45.0440, -13.3327, 29.7794

Tritanomaly

35.4590, -12.5513, 59.2335

Monochromacy



Original Color

34.4790, -6.1521, 60.0929

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9750, -1.9597, 21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.4790, -6.1521, 60.0929 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(103, 2, 22)` looks like.

```
.text, #text, p{  
    color:rgb(103, 2, 22)  
}
```

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(103, 2, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 2, 22) }
```

Border

The CSS property to change the border of an element to YUV 34.4790, -6.1521, 60.0929 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(103, 2, 22) }
```


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

```
.border{ border-color:rgb(103, 2, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 2, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 2, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 2, 22);  
box-shadow:4px 4px 4px 4px rgb(103, 2, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.4790, -6.1521, 60.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 2, 22) }
```

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

```
.background{ background-color: rgb(103, 2,  
22) }
```

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