

Converting Colors

YUV(45.7710, -6.2961, -34.0022)

Have a look what the booklet for
YUV(45.7710, -6.2961, -34.0022)
contains.

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Color

**YUV(45.7710, -6.2961,
-34.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	074421
RGB	7, 68, 33
RGB Percent	3%, 27%, 13%
CMY	0.9725, 0.7333, 0.8706
CMYK	0.90, 0.00, 0.51, 0.73
HSL	146°, 81%, 15%
HSV	146°, 90%, 27%
XYZ	2.4293, 4.2892, 2.1387
YIQ	45.7710, -25.1210, -23.8170

Conversions

Conversions Part 2

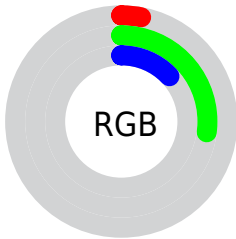
Format	Color
RYB	7, 50, 68
Decimal	476193
CIELab	24.61, -27.74, 16.05
CIELCh	25, 32.048, 149.954
Yxy	4.2892, 0.2743, 0.4843
Android (android.graphics.Color)	4278666273 (0xFF074421)
YUV	45.7710, -6.2961, -34.0022
Hunter-Lab	20.7104, -15.3059, 8.3746

Details

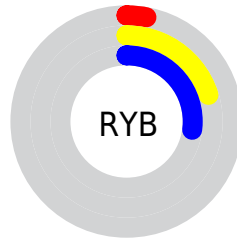
The YUV color **45.7710, -6.2961, -34.0022** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.2290, 6.2961, 34.0022**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1090, -8.9277, -29.9136**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **43.2220, -7.0114, -37.9057**, and if you desaturate by 10%, it is **48.3200, -5.5808, -30.0986**.

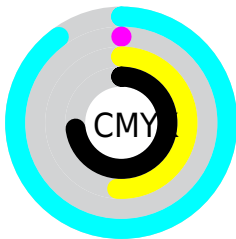
Distribution



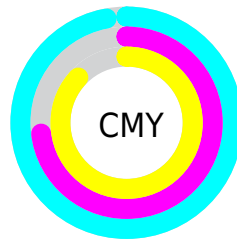
- Red (3%)
- Green (27%)
- Blue (13%)



- Red (3%)
- Yellow (20%)
- Blue (27%)



- Cyan (90%)
- Magenta (0%)
- Yellow (51%)
- Black (73%)



- Cyan (97%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7710, -6.2961, -34.0022 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 45.7710, -6.2961, -34.0022 by changing the saturation by 10% instead.

■ 45.7710, -6.2961,
-34.0022

■ 45.7710, -6.2961,
-34.0022

■ 253.8040, 0.5896,
-2.4591

■ 27.6690, -8.2178,
-24.2657

■ 96.1090, -8.9277,
-29.9136

■ 14.6750, -7.2348,
-12.8700

■ 121.5820, -9.6539,
-30.3284

■ 0.0000, 0.0000,
0.0000

■ 147.1690, -9.9433,
-30.8432


■ 174.6420,
-10.6695, -31.2580


■ 202.2290,
-10.9589, -31.7728


■ 230.8160,


-11.2483, -32.2876


 242.9670, -3.4347,
-18.3881


 45.7710, -6.2961,
-34.0022


 45.7710, -6.2961,
-34.0022


 43.2220, -7.0114,
-37.9057

 48.3200, -5.5808,
-30.0986

 50.8690, -4.8654,
-26.1951

 53.1190, -4.0027,
-22.9064

 55.6680, -3.2873,
-19.0028

 58.2170, -2.5720,
-15.0993

■ 60.6520, -2.2934,
-11.0958

■ 63.2010, -1.5781,
-7.1923

■ 65.4510, -0.7153,
-3.9035

■ 68.0000, 0.0000,
0.0000

Harmonies

Analogous

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



52.9890, -20.2076, -5.2524



45.7710, -6.2961, -34.0022



47.7020, 5.0769, -41.8347

Triad

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



45.7710, -6.2961, -34.0022



48.0050, 29.0845, -42.1004



57.1960, -10.4496, 38.4161

Complementary

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



45.7710, -6.2961, -34.0022



29.2290, 6.2961, 34.0022

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.



57.4700, 0.7543, 38.1758



45.7710, -6.2961, -34.0022



59.2660, 20.0819, -1.1103

Square

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



45.7710, -6.2961, -34.0022



50.7290, 24.2906, -44.4893



59.5420, 11.5648, 24.0807



56.6110, -20.0212, 28.4052

Rectangle

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



45.7710, -6.2961, -34.0022



49.5260, 12.0657, -43.4343



59.5420, 11.5648, 24.0807



56.5320, -6.6713, 39.8754

Sweetspot

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



45.7710, -6.2961, -34.0022



80.2280, -2.5774, -13.3550



53.5710, -22.9595, -9.2708



40.4890, -1.7201, -8.3219



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



45.7710, -6.2961, -34.0022



56.5750, -9.1575, -49.6163



49.1910, 6.8078, -37.0015



31.8750, -0.4314, -1.6444



61.6130, -10.1622, -54.0346



142.4320, -22.8910, -124.9129

Inverse Universe

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



29.2290, 6.2961, 34.0022



32.4250, 9.1575, 49.6163



25.8090, -6.8078, 37.0015



31.1250, 0.4314, 1.6444



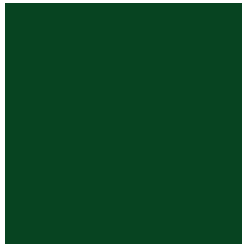
35.3870, 10.1622, 54.0346



81.6820, 23.3278, 124.8129

Previews

White Background



This preview shows how the YUV color 45.7710, -6.2961, -34.0022 looks on a white background.

Color Contrast Check

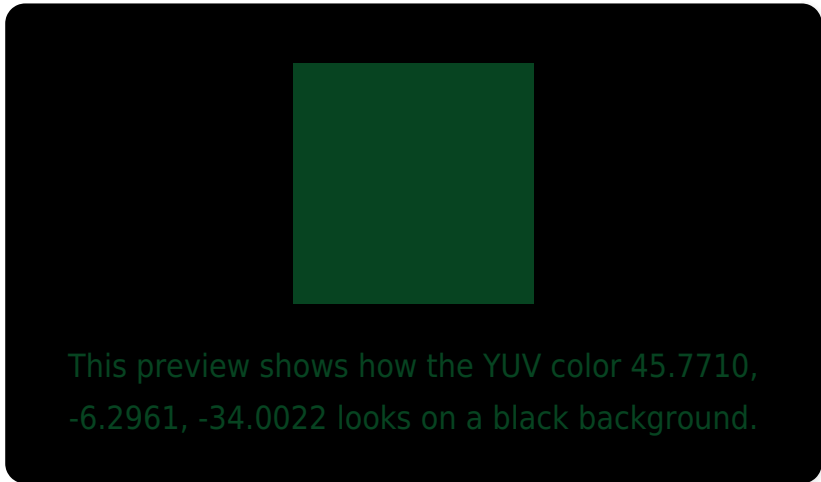
Large Text (above 18pt) WCAG AA ✓ Pass

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

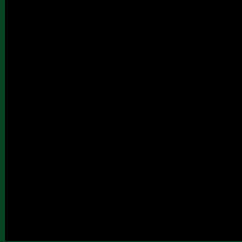
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7710, -6.2961, -34.0022

Background



This preview shows how black text looks on a background with the YUV color 45.7710, -6.2961, -34.0022.



This preview shows how white text looks on a background with the YUV color 45.7710, -6.2961,

-34.0022.

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

45.7710, -6.2961, -34.0022

Protanopia

57.4880, -13.5516, 6.5880

Deuteranopia

58.2050, -10.9471, 11.2212



Tritanopia

53.5070, 7.6380, -23.2466

Trichromacy



Original Color

45.7710, -6.2961, -34.0022

Protanomaly

53.0840, -10.8874, -7.9667

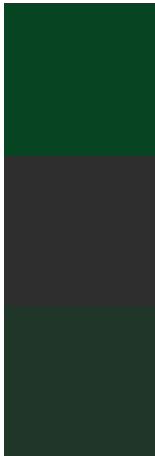
Deuteranomaly

53.5620, -9.1511, -4.8779

Tritanomaly

50.5190, 2.7021, -26.7652

Monochromacy



Original Color

45.7710, -6.2961, -34.0022

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9400, -2.4354, -12.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7710, -6.2961, -34.0022 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(7, 68, 33)` looks like.

```
.text, #text, p{  
    color:rgb(7, 68, 33)  
}
```

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(7, 68, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 68, 33) }
```

Border

The CSS property to change the border of an element to YUV 45.7710, -6.2961, -34.0022 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(7, 68, 33) }
```


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

```
.border{ border-color:rgb(7, 68, 33) }
```

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

Here you see how a box with a 4 pixel rgb(7, 68, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 68, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 68, 33); box-shadow:4px  
4px 4px 4px rgb(7, 68, 33) }
```

Background

The CSS property to change the background color of an element to YUV 45.7710, -6.2961, -34.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 68, 33) }
```

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

```
.background{ background-color: rgb(7, 68,  
33) }
```

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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