

Converting Colors

YUV(34.1720, -13.8888,
68.2552)

Have a look what the booklet for
YUV(34.1720, -13.8888, 68.2552)
contains.

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Color

**YUV(34.1720, -13.8888,
68.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	700006
RGB	112, 0, 6
RGB Percent	44%, 0%, 2%
CMY	0.5608, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.95, 0.56
HSL	357°, 100%, 22%
HSV	357°, 100%, 44%
XYZ	6.7150, 3.4579, 0.4858
YIQ	34.1720, 64.8260, 25.6100

Conversions

Conversions Part 2

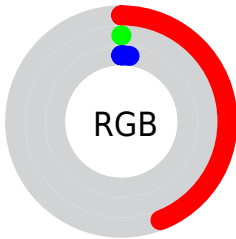
Format	Color
RYB	112, 0, 6
Decimal	7340038
CIELab	21.79, 43.80, 30.62
CIELCh	22, 53.447, 34.957
Yxy	3.4579, 0.6300, 0.3244
Android (android.graphics.Color)	4285530118 (0xFF700006)
YUV	34.1720, -13.8888, 68.2552
Hunter-Lab	18.5954, 31.9159, 11.4678

Details

The YUV color **34.1720, -13.8888, 68.2552** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **77.8280, 13.8888, -68.2552**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3370, -20.8721, 68.1105**, and **16.8580, -7.8180, 34.3275** is the 20% darker color. If you saturate the color by 10%, you get **34.1720, -13.8888, 68.2552**, and if you desaturate by 10%, it is **41.8830, -12.2673, 61.4926**.

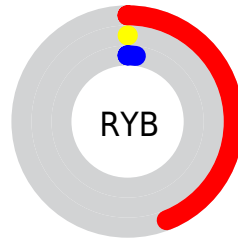
Distribution



Red (44%)

Green (0%)

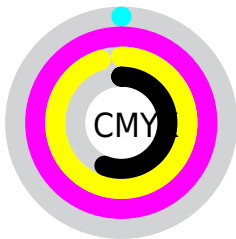
Blue (2%)



Red (44%)

Yellow (0%)

Blue (2%)

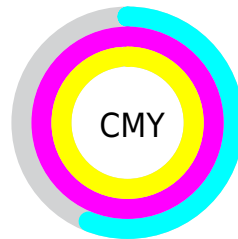


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (56%)



Cyan (56%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.1720, -13.8888, 68.2552 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 34.1720, -13.8888, 68.2552 by changing the saturation by 10% instead.


 34.1720, -13.8888,
68.2552


 34.1720, -13.8888,
68.2552


 252.2640,
-10.4832, 2.3995

 24.8170, -12.2348,
51.0265

 93.3370, -20.8721,
68.1105


 16.8580, -7.8180,
34.3275


 120.1910,
-22.7722, 70.8695


 5.6810, -2.8007,
11.6808

 148.0450,
-24.6722, 73.6285


 0.0000, 0.0000,
0.0000


 173.6210,
-24.9562, 71.3694


 192.4340,
-21.4130, 54.8704


 211.8340,


-18.1592, 37.8566


 232.0490,
-14.3212, 20.1280


 34.1720, -13.8888,
68.2552

 41.8830, -12.2673,
61.4926

 49.4800, -11.0826,
54.8300

 57.7780, -9.7506,
47.5527

 65.3750, -8.5659,
40.8901

 73.0860, -6.9444,
34.1276

■ 80.7970, -5.3229,
27.3650

■ 88.3940, -4.1382,
20.7025

■ 96.6920, -2.8062,
13.4251

■ 104.2890, -1.6215,
6.7625

Harmonies

Analogous

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



40.7540, 3.5723, 67.7447



34.1720, -13.8888, 68.2552



48.3410, -23.8321, 37.4119

Triad

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



34.1720, -13.8888, 68.2552



40.4520, -12.5478, -35.4764



48.0340, 41.8882, -42.1258

Complementary

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



34.1720, -13.8888, 68.2552



77.8280, 13.8888, -68.2552

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.



52.4050, 35.7893, -45.9592



34.1720, -13.8888, 68.2552



46.5280, 5.6557, -40.8051

Square

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



34.1720, -13.8888, 68.2552



40.2810, -19.8585, -23.9254



50.9740, 22.6908, -44.7042



51.6160, 32.7273, 2.9678

Rectangle

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



34.1720, -13.8888, 68.2552



49.9920, -24.6461, 18.4240



50.9740, 22.6908, -44.7042



50.3820, 40.7307, -44.1850

Sweetspot

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



34.1720, -13.8888, 68.2552



115.0850, -5.4649, 26.2355



44.1630, 33.4436, 53.3540



55.3010, -3.1064, 16.3990



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



34.1720, -13.8888, 68.2552



44.2670, -17.8796, 88.3428



62.2510, -30.6897, 43.6299



51.9080, -0.4476, 3.5887



36.5640, -15.0681, 73.1734



75.3350, -30.7312, 150.5502

Inverse Universe

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



34.1720, -13.8888, 68.2552



44.2670, -17.8796, 88.3428



49.7490, 30.6897, -43.6299



51.9080, -0.4476, 3.5887



36.5640, -15.0681, 73.1734



75.3350, -30.7312, 150.5502

Previews

White Background



This preview shows how the YUV color 34.1720, -13.8888, 68.2552 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

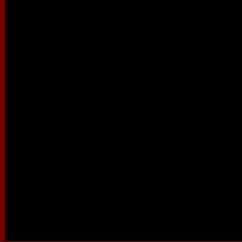
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.1720, -13.8888, 68.2552

Background



This preview shows how black text looks on a background with the YUV color 34.1720, -13.8888, 68.2552.



This preview shows how white text looks on a background with the YUV color 34.1720, -13.8888,

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

34.1720, -13.8888, 68.2552

Protanopia

54.1200, -18.7932, 7.7878

Deuteranopia

52.9270, -26.0930, 15.8500



Tritanopia

39.0590, -19.2561, 63.0923

Trichromacy



Original Color

34.1720, -13.8888, 68.2552

Protanomaly

46.7190, -17.1165, 30.0644

Deuteranomaly

45.9000, -21.6427, 35.1677

Tritanomaly

36.9390, -17.2249, 64.9515

Monochromacy



Original Color

34.1720, -13.8888, 68.2552

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.1880, -5.0227, 24.3911

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.1720, -13.8888, 68.2552 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(112, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 6)  
}
```

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(112, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 6) }
```

Border

The CSS property to change the border of an element to YUV 34.1720, -13.8888, 68.2552 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(112, 0, 6) }
```


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

```
.border{ border-color:rgb(112, 0, 6) }
```

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

Here you see how a box with a 4 pixel rgb(112, 0, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(112, 0, 6); box-shadow:4px  
4px 4px 4px rgb(112, 0, 6) }
```

Background

The CSS property to change the background color of an element to YUV 34.1720, -13.8888, 68.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 6) }
```

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

```
.background{ background-color: rgb(112, 0,  
6) }
```

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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