

Converting Colors

YUV(55.4770, 13.5688, 34.6617)

Have a look what the booklet for
YUV(55.4770, 13.5688, 34.6617)
contains.

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Color

**YUV(55.4770, 13.5688,
34.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	5F1E53
RGB	95, 30, 83
RGB Percent	37%, 12%, 33%
CMY	0.6275, 0.8824, 0.6745
CMYK	0.00, 0.68, 0.13, 0.63
HSL	311°, 52%, 25%
HSV	311°, 68%, 37%
XYZ	6.7449, 3.9860, 8.5975
YIQ	55.4770, 21.7270, 30.2630

Conversions

Conversions Part 2

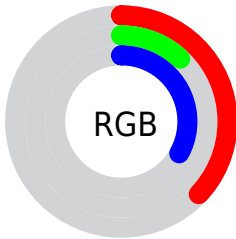
Format	Color
RYB	95, 30, 83
Decimal	6233683
CIELab	23.63, 36.21, -17.48
CIELCh	24, 40.209, 334.226
Yxy	3.9860, 0.3490, 0.2062
Android (android.graphics.Color)	4284423763 (0xFF5F1E53)
YUV	55.4770, 13.5688, 34.6617
Hunter-Lab	19.9649, 25.3656, -11.5566

Details

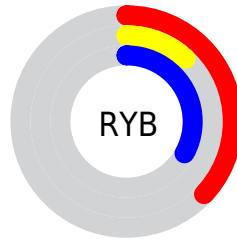
The YUV color **55.4770, 13.5688, 34.6617** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69.5230, -13.5688, -34.6617**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7870, 13.4160, 37.0208**, and **18.3850, 9.6702, 25.0954** is the 20% darker color. If you saturate the color by 10%, you get **49.9660, 15.2998, 39.4948**, and if you desaturate by 10%, it is **61.5750, 11.5485, 29.3137**.

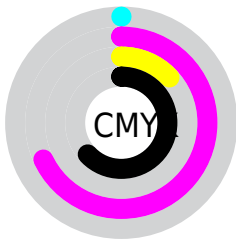
Distribution



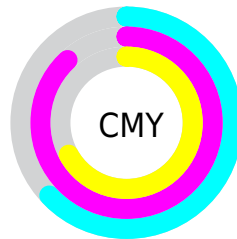
- Red (37%)
- Green (12%)
- Blue (33%)



- Red (37%)
- Yellow (12%)
- Blue (33%)



- Cyan (0%)
- Magenta (68%)
- Yellow (13%)
- Black (63%)



- Cyan (63%)
- Magenta (88%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4770, 13.5688, 34.6617 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 55.4770, 13.5688, 34.6617 by changing the saturation by 10% instead.

■ 55.4770, 13.5688,
34.6617

■ 55.4770, 13.5688,
34.6617

255.0000, 0.0000,
0.0000

■ 28.9440, 15.3106,
36.0061

■ 105.7870, 13.4160,
37.0208

■ 18.3850, 9.6702,
25.0954

■ 132.0860, 13.2686,
37.6356

■ 6.1950, 4.3409,
7.7220

■ 158.7980, 13.4106,
38.7652

■ 0.0000, 0.0000,
0.0000

■ 185.9230, 13.8420,
40.4095

■ 212.4280, 14.5790,
37.3356

■ 230.3460, 12.1544,

21.6216

246.7820, 4.0515,
7.2072

55.4770, 13.5688,
34.6617

55.4770, 13.5688,
34.6617

49.9660, 15.2998,
39.4948

61.5750, 11.5485,
29.3137

43.8680, 17.3201,
44.8428

67.0860, 9.8176,
24.4806

38.4710, 19.4878,
49.5759

73.0700, 7.3605,
19.2326

37.1830, 19.6298,
50.7055

78.5810, 5.6296,
14.3995

84.6790, 3.6093,
9.0515

■ 90.1900, 1.8783,
4.2184

■ 96.1740, -0.5788,
-1.0296

■ 101.6850, -2.3097,
-5.8627

■ 107.7830, -4.3300,
-11.2107

Harmonies

Analogous

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



57.1400, 24.5810, 2.5082



55.4770, 13.5688, 34.6617



50.0740, 1.4425, 50.8011

Triad

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



55.4770, 13.5688, 34.6617



52.6060, -25.9348, 11.7465



50.7630, 19.3438, -44.5192

Complementary

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



55.4770, 13.5688, 34.6617



69.5230, -13.5688, -34.6617

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.



47.3430, 6.2399, -41.5198



55.4770, 13.5688, 34.6617



47.7340, -23.5329, -12.0447

Square

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



55.4770, 13.5688, 34.6617



53.3250, -26.2892, 32.1640



43.1080, -7.4482, -37.8057



51.3960, 29.3848, -45.0743

Rectangle

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



55.4770, 13.5688, 34.6617



50.8430, -8.3036, 50.1267



43.1080, -7.4482, -37.8057



50.2100, 14.6865, -44.0342

Sweetspot

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



55.4770, 13.5688, 34.6617



106.8690, 5.4876, 13.2699



40.9980, 26.6230, 0.8788



51.8530, 3.0305, 8.0219



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.



55.4770, 13.5688, 34.6617



61.2480, 21.0767, 53.2795



51.8290, -0.4087, 37.8610



45.6520, 1.1576, 2.0592



43.8620, 23.2390, 59.7570



93.9900, 49.7979, 128.0508

Inverse Universe

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



55.4770, 13.5688, 34.6617



61.2480, 21.0767, 53.2795



73.1710, 0.4087, -37.8610



45.6520, 1.1576, 2.0592



43.8620, 23.2390, 59.7570



93.9900, 49.7979, 128.0508

Previews

White Background



This preview shows how the YUV color 55.4770, 13.5688, 34.6617 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

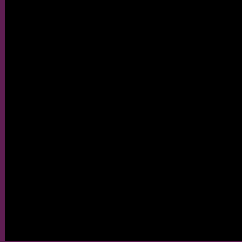
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.4770, 13.5688, 34.6617

Background



This preview shows how black text looks on a background with the YUV color 55.4770, 13.5688, 34.6617.



This preview shows how white text looks on a background with the YUV color 55.4770, 13.5688,

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

55.4770, 13.5688, 34.6617

Protanopia

54.7090, 24.7935, -19.0388

Deuteranopia

57.7140, 10.4940, -5.8882



Tritanopia

56.8790, -6.3493, 29.9241

Trichromacy



Original Color

55.4770, 13.5688, 34.6617

Protanomaly

55.3910, 20.5132, 0.5341

Deuteranomaly

56.7420, 11.4662, 8.9963

Tritanomaly

56.4260, 0.7760, 31.1984

Monochromacy



Original Color

55.4770, 13.5688, 34.6617

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4770, 13.5688, 34.6617 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(95, 30, 83)` looks like.

```
.text, #text, p{  
  color:rgb(95, 30, 83)  
}
```

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(95, 30, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 30, 83) }
```

Border

The CSS property to change the border of an element to YUV 55.4770, 13.5688, 34.6617 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(95, 30, 83) }
```


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

```
.border{ border-color:rgb(95, 30, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 30, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 30, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 30, 83);  
box-shadow:4px 4px 4px 4px rgb(95, 30, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.4770, 13.5688, 34.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 30, 83) }
```

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

```
.background{ background-color: rgb(95, 30,  
83) }
```

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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