

Converting Colors

YUV(55.4880, 13.5634, 36.4060)

Have a look what the booklet for
YUV(55.4880, 13.5634, 36.4060)
contains.

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Color

**YUV(55.4880, 13.5634,
36.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	611D53
RGB	97, 29, 83
RGB Percent	38%, 11%, 33%
CMY	0.6196, 0.8863, 0.6745
CMYK	0.00, 0.70, 0.14, 0.62
HSL	312°, 54%, 25%
HSV	312°, 70%, 38%
XYZ	6.9305, 4.0446, 8.5990
YIQ	55.4880, 23.1940, 31.2100

Conversions

Conversions Part 2

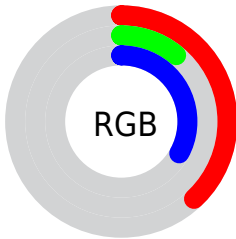
Format	Color
RYB	97, 29, 83
Decimal	6364499
CIELab	23.82, 37.26, -17.16
CIElCh	24, 41.015, 335.275
Yxy	4.0446, 0.3541, 0.2066
Android (android.graphics.Color)	4284554579 (0xFF611D53)
YUV	55.4880, 13.5634, 36.4060
Hunter-Lab	20.1113, 26.3172, -11.2728

Details

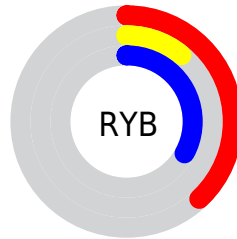
The YUV color **55.4880, 13.5634, 36.4060** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.5120, -13.5634, -36.4060**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3850, 13.1212, 38.2504**, and **18.6840, 9.5228, 25.7101** is the 20% darker color. If you saturate the color by 10%, you get **49.3900, 15.5837, 41.7540**, and if you desaturate by 10%, it is **61.5860, 11.5431, 31.0581**.

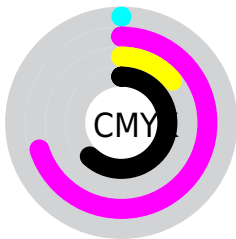
Distribution



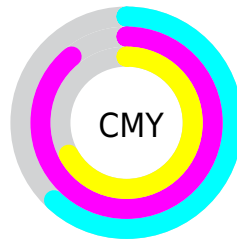
- Red (38%)
- Green (11%)
- Blue (33%)



- Red (38%)
- Yellow (11%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (14%)
- Black (62%)



- Cyan (62%)
- Magenta (89%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4880, 13.5634, 36.4060 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 55.4880, 13.5634, 36.4060 by changing the saturation by 10% instead.

■ 55.4880, 13.5634,
36.4060

■ 55.4880, 13.5634,
36.4060

■ 255.0000, 0.0000,
0.0000

■ 28.3680, 15.5946,
38.2653

■ 106.3850, 13.1212,
38.2504

■ 18.6840, 9.5228,
25.7101

■ 132.0970, 13.2632,
39.3799

■ 7.0920, 3.8986,
9.5663

■ 158.8090, 13.4052,
40.5095


■ 0.0000, 0.0000,
0.0000


■ 186.5210, 13.5471,
41.6391


■ 211.8410, 14.8684,
37.8504


■ 229.7590, 12.4438,


22.1364


 246.7820, 4.0515,
7.2072


 55.4880, 13.5634,
36.4060


 55.4880, 13.5634,
36.4060


 49.3900, 15.5837,
41.7540


 61.5860, 11.5431,
31.0581


 43.8790, 17.3147,
46.5871

 67.0970, 9.8122,
26.2249

 37.7810, 19.3350,
51.9351

 73.1950, 7.7919,
20.8770

 79.2930, 5.7716,
15.5290

 85.3910, 3.7512,
10.1811

■ 90.9020, 2.0203,
5.3479

■ 97.0000, 0.0000,
0.0000

■ 103.0980, -2.0203,
-5.3479

■ 108.6090, -3.7512,
-10.1811

Harmonies

Analogous

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



58.0370, 24.1388, 4.3526



55.4880, 13.5634, 36.4060



50.0850, 1.4371, 52.5455

Triad

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



55.4880, 13.5634, 36.4060



53.1930, -26.2241, 11.2317



51.5780, 19.9280, -45.2339

Complementary

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



55.4880, 13.5634, 36.4060



70.5120, -13.5634, -36.4060

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.



48.0440, 6.3873, -42.1346



55.4880, 13.5634, 36.4060



48.0220, -23.6748, -13.1743

Square

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



55.4880, 13.5634, 36.4060



53.3250, -26.2892, 32.1640



43.8090, -7.3008, -38.4205



52.2110, 29.9690, -45.7890

Rectangle

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



55.4880, 13.5634, 36.4060



51.0280, -8.8878, 50.8414



43.8090, -7.3008, -38.4205



50.4380, 15.5601, -44.2341

Sweetspot

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



55.4880, 13.5634, 36.4060



109.1680, 5.3402, 13.8847



40.9380, 27.6386, 1.8084



54.1520, 2.8831, 8.6367



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



55.4880, 13.5634, 36.4060



60.8570, 20.7765, 56.2534



51.6120, -1.2877, 39.8053



45.5380, 0.7208, 2.1592



43.6340, 22.3654, 59.9570



93.4200, 47.6139, 128.5507

Inverse Universe

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



55.4880, 13.5634, 36.4060



60.8570, 20.7765, 56.2534



74.3880, 1.2877, -39.8053



45.5380, 0.7208, 2.1592



43.6340, 22.3654, 59.9570



93.4200, 47.6139, 128.5507

Previews

White Background



This preview shows how the YUV color 55.4880, 13.5634, 36.4060 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 55.4880, 13.5634, 36.4060

Background



This preview shows how black text looks on a background with the YUV color 55.4880, 13.5634, 36.4060.



This preview shows how white text looks on a background with the YUV color 55.4880, 13.5634,

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

55.4880, 13.5634, 36.4060

Protanopia

54.8230, 25.2303, -19.1388

Deuteranopia

58.0130, 10.3466, -5.2734



Tritanopia

56.8900, -6.3548, 31.6685

Trichromacy



Original Color

55.4880, 13.5634, 36.4060

Protanomaly

54.9180, 21.2394, 0.9489

Deuteranomaly

57.0410, 11.3188, 9.6110

Tritanomaly

56.4370, 0.7706, 32.9428

Monochromacy



Original Color

55.4880, 13.5634, 36.4060

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 55.4880, 13.5634, 36.4060 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(97, 29, 83)` looks like.

```
.text, #text, p{  
    color:rgb(97, 29, 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(97, 29, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 29, 83) }
```

Border

The CSS property to change the border of an element to YUV 55.4880, 13.5634, 36.4060 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(97, 29, 83) }
```


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

```
.border{ border-color:rgb(97, 29, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 29, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 29, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 29, 83);  
box-shadow:4px 4px 4px 4px rgb(97, 29, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.4880, 13.5634, 36.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 29, 83) }
```

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

```
.background{ background-color: rgb(97, 29,  
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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