

Converting Colors

YUV(33.4550, -6.6333, 27.6650)

Have a look what the booklet for
YUV(33.4550, -6.6333, 27.6650)
contains.

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Color

**YUV(33.4550, -6.6333,
27.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	411414
RGB	65, 20, 20
RGB Percent	25%, 8%, 8%
CMY	0.7451, 0.9216, 0.9216
CMYK	0.00, 0.69, 0.69, 0.75
HSL	0°, 53%, 17%
HSV	0°, 69%, 25%
XYZ	2.5564, 1.6746, 0.8503
YIQ	33.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

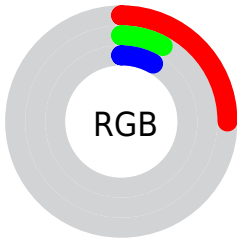
Format	Color
RYB	65, 20, 20
Decimal	4264980
CIELab	13.68, 21.89, 11.42
CIELCh	14, 24.686, 27.555
Yxy	1.6746, 0.5031, 0.3296
Android (android.graphics.Color)	4282455060 (0xFF411414)
YUV	33.4550, -6.6333, 27.6650
Hunter-Lab	12.9408, 12.6156, 5.1627

Details

The YUV color **33.4550, -6.6333, 27.6650** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **51.5450, 6.6333, -27.6650**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.9070, -8.8282, 31.6536**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.2490, -7.5178, 31.3536**, and if you desaturate by 10%, it is **37.6610, -5.7489, 23.9763**.

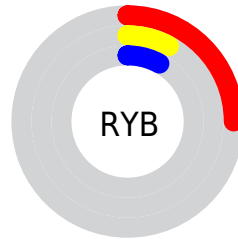
Distribution



Red (25%)

Green (8%)

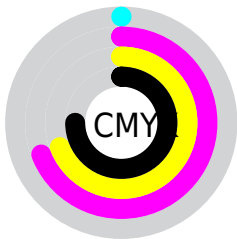
Blue (8%)



Red (25%)

Yellow (8%)

Blue (8%)

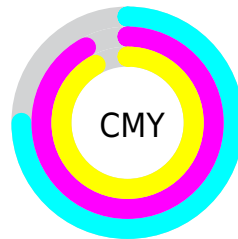


Cyan (0%)

Magenta (69%)

Yellow (69%)

Black (75%)



Cyan (75%)

Magenta (92%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.4550, -6.6333, 27.6650 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 33.4550, -6.6333, 27.6650 by changing the saturation by 10% instead.

■ 33.4550, -6.6333,
27.6650

■ 33.4550, -6.6333,
27.6650

■ 250.8110, -3.3578,
3.6738

■ 12.8570, -6.3385,
26.4354

■ 79.9070, -8.8282,
31.6536

■ 0.0000, 0.0000,
0.0000

■ 104.6900, -9.7072,
33.5979

■ 130.2880,
-10.0020, 34.8274

■ 156.1850,
-10.4442, 36.6718

■ 183.6690,
-11.1758, 38.0013

■ 210.9680,

-11.3232, 38.6161

230.5960, -7.1958,
21.4023

33.4550, -6.6333,
27.6650

33.4550, -6.6333,
27.6650

29.2490, -7.5178,
31.3536

37.6610, -5.7489,
23.9763

24.3420, -8.5496,
35.6571

42.5680, -4.7170,
19.6729

20.1360, -9.4340,
39.3457

47.4750, -3.6852,
15.3694

19.4350, -9.5815,
39.9605

51.6810, -2.8007,
11.6808

56.5880, -1.7689,
7.3773

■ 60.7940, -0.8844,
3.6887

■ 65.7010, 0.1474,
-0.6148

■ 69.9070, 1.0318,
-4.3034

■ 74.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



34.2190, 1.3710, 26.9949



33.4550, -6.6333, 27.6650



33.1910, -16.3632, 21.7575

Triad

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



33.4550, -6.6333, 27.6650



27.2610, -6.0447, -21.2769



29.5850, 19.4316, -25.9460

Complementary

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



33.4550, -6.6333, 27.6650



51.5450, 6.6333, -27.6650

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.



31.3630, 16.0900, -27.5054



33.4550, -6.6333, 27.6650



29.0030, 1.9705, -25.4356

Square

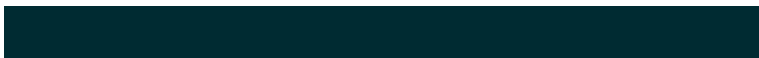
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.4550, -6.6333, 27.6650



30.9770, -15.2717, -1.7338



30.9410, 9.3961, -27.1353



35.2890, 15.1405, -2.8845

Rectangle

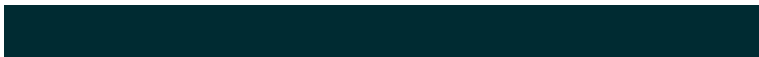
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.4550, -6.6333, 27.6650



33.4460, -16.4889, 15.3949



30.9410, 9.3961, -27.1353



30.7590, 18.8528, -26.9756

Sweetspot

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



33.4550, -6.6333, 27.6650



71.3820, -2.6533, 11.0660



38.5850, 13.0226, 23.1660



35.9900, -1.4741, 6.1478



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



33.4550, -6.6333, 27.6650



34.9300, -10.3185, 43.0344



46.9560, -13.2893, 15.8246



30.8970, -0.4422, 1.8443



29.0030, -14.2985, 59.6334



66.9760, -33.0192, 137.7100

Inverse Universe

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



51.5450, 6.6333, -27.6650



63.0700, 10.3185, -43.0344



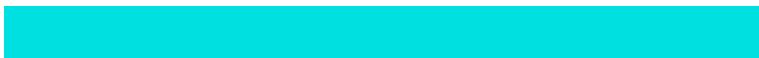
38.6310, 12.9999, -16.3394



32.1030, 0.4422, -1.8443



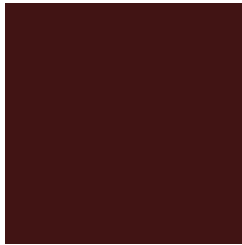
67.9970, 14.2985, -59.6334



157.0240, 33.0192, -137.7100

Previews

White Background



This preview shows how the YUV color 33.4550, -6.6333, 27.6650 looks on a white background.

Color Contrast Check

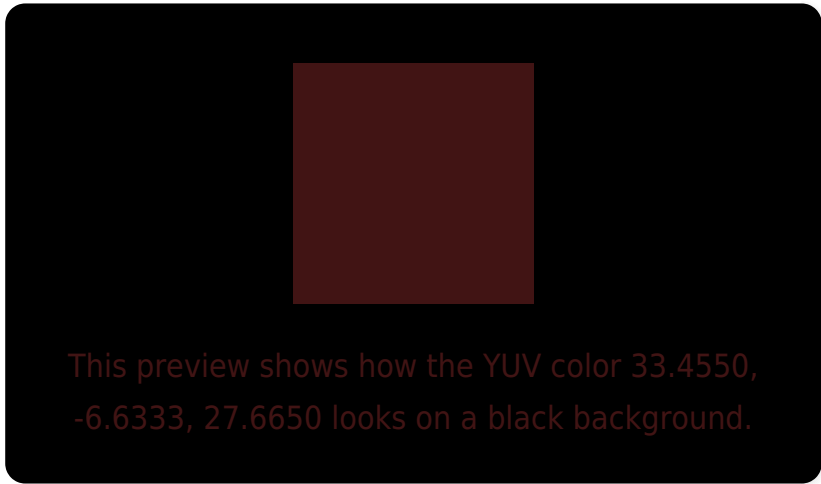
Large Text (above 18pt) WCAG AA ✓ Pass

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

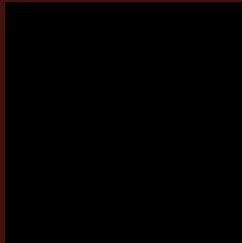
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.4550, -6.6333, 27.6650

Background



This preview shows how black text looks on a background with the YUV color 33.4550, -6.6333, 27.6650.



This preview shows how white text looks on a background with the YUV color 33.4550, -6.6333,

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

33.4550, -6.6333, 27.6650

Protanopia

35.7570, -4.8102, 2.8441

Deuteranopia

35.9380, -9.3364, 7.9474



Tritanopia

33.5690, -6.1965, 27.5650

Trichromacy



Original Color

33.4550, -6.6333, 27.6650

Protanomaly

34.6980, -5.2741, 11.6659

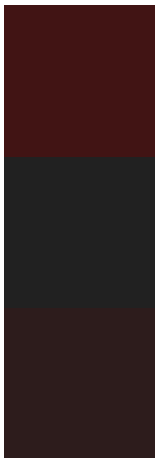
Deuteranomaly

35.2100, -8.4845, 14.7248

Tritanomaly

33.5690, -6.1965, 27.5650

Monochromacy



Original Color

33.4550, -6.6333, 27.6650

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.4550, -6.6333, 27.6650 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(65, 20, 20)` looks like.

```
.text, #text, p{  
    color:rgb(65, 20, 20)  
}
```

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(65, 20, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 20, 20) }
```

Border

The CSS property to change the border of an element to YUV 33.4550, -6.6333, 27.6650 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(65, 20, 20) }
```


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

```
.border{ border-color:rgb(65, 20, 20) }
```

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

Here you see how a box with a 4 pixel rgb(65, 20, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 20, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 20, 20);  
box-shadow:4px 4px 4px 4px rgb(65, 20, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.4550, -6.6333, 27.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 20, 20) }
```

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

```
.background{ background-color: rgb(65, 20,  
20) }
```

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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