

Converting Colors

YUV(33.5630, -13.5886,
65.2812)

Have a look what the booklet for
YUV(33.5630, -13.5886, 65.2812)
contains.

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Color

**YUV(33.5630, -13.5886,
65.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	6C0106
RGB	108, 1, 6
RGB Percent	42%, 0%, 2%
CMY	0.5765, 0.9961, 0.9765
CMYK	0.00, 0.99, 0.94, 0.58
HSL	357°, 98%, 21%
HSV	357°, 99%, 42%
XYZ	6.2281, 3.2230, 0.4661
YIQ	33.5630, 62.1670, 24.2390

Conversions

Conversions Part 2

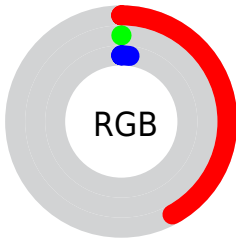
Format	Color
RYB	108, 1, 6
Decimal	7078150
CIELab	20.92, 42.46, 29.39
CIELCh	21, 51.640, 34.695
Yxy	3.2230, 0.6280, 0.3250
Android (android.graphics.Color)	4285268230 (0xFF6C0106)
YUV	33.5630, -13.5886, 65.2812
Hunter-Lab	17.9527, 30.5071, 11.0274

Details

The YUV color **33.5630, -13.5886, 65.2812** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.4370, 13.5886, -65.2812**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8420, -20.1351, 65.0366**, and **16.2600, -7.5232, 33.0980** is the 20% darker color. If you saturate the color by 10%, you get **32.8620, -13.7360, 65.8960**, and if you desaturate by 10%, it is **41.1600, -12.4039, 58.6187**.

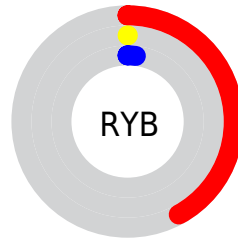
Distribution



Red (42%)

Green (0%)

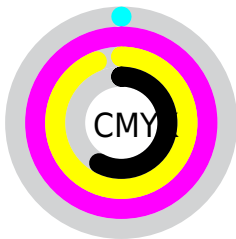
Blue (2%)



Red (42%)

Yellow (0%)

Blue (2%)

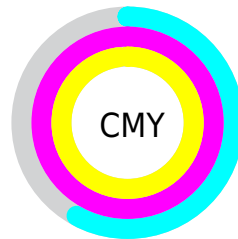


Cyan (0%)

Magenta (99%)

Yellow (94%)

Black (58%)



Cyan (58%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.5630, -13.5886, 65.2812 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 33.5630, -13.5886, 65.2812 by changing the saturation by 10% instead.

■ 33.5630, -13.5886,
65.2812

■ 33.5630, -13.5886,
65.2812

■ 251.0900, -9.9044,
3.4291

■ 23.6210, -11.6452,
48.5674

■ 91.8420, -20.1351,
65.0366

■ 16.2600, -7.5232,
33.0980

■ 118.6960,
-22.0351, 67.7956

■ 2.6910, -1.3267,
5.5330

■ 145.9630,
-23.6458, 71.0694

■ 0.0000, 0.0000,
0.0000


■ 173.0340,
-24.6668, 71.8842


■ 191.7330,
-21.5604, 55.4852


■ 211.2470,


-17.8698, 38.3714


 230.8750,
-13.7424, 21.1576


 33.5630, -13.5886,
65.2812


 33.5630, -13.5886,
65.2812


 32.8620, -13.7360,
65.8960

 41.1600, -12.4039,
58.6187

 48.8710, -10.7824,
51.8561

 55.8810, -9.3083,
45.7084

 63.4780, -8.1237,
39.0458

 71.0750, -6.9390,
32.3832

■ 78.7860, -5.3175,
25.6207

■ 86.3830, -4.1328,
18.9581

■ 93.3930, -2.6587,
12.8103

■ 101.1040, -1.0373,
6.0478

Harmonies

Analogous

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



39.0310, 3.4357, 64.8708



33.5630, -13.5886, 65.2812



46.8570, -23.1005, 36.0824

Triad

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



33.5630, -13.5886, 65.2812



38.5770, -12.1165, -33.8320



46.2900, 40.2830, -40.5963

Complementary

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



33.5630, -13.5886, 65.2812



75.4370, 13.5886, -65.2812

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.



50.6610, 34.1841, -44.4297



33.5630, -13.5886, 65.2812



44.5390, 5.6503, -39.0607

Square

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



33.5630, -13.5886, 65.2812



38.8190, -19.1378, -21.7663



48.7570, 21.8118, -42.7599



49.6760, 31.7117, 2.0381

Rectangle

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



33.5630, -13.5886, 65.2812



48.2200, -23.7725, 18.2241



48.7570, 21.8118, -42.7599



48.6380, 39.1255, -42.6555

Sweetspot

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



33.5630, -13.5886, 65.2812



110.7860, -5.3175, 25.6207



43.6960, 31.7019, 52.0096



53.5890, -3.2484, 15.2694



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



33.5630, -13.5886, 65.2812



42.6580, -17.5794, 85.3689



61.1690, -29.6633, 41.0708



49.7940, -0.8844, 3.6887



35.5530, -15.0626, 71.4290



74.5090, -31.3099, 149.5206

Inverse Universe

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



33.5630, -13.5886, 65.2812



42.6580, -17.5794, 85.3689



47.8310, 29.6633, -41.0708



49.7940, -0.8844, 3.6887



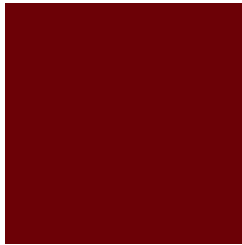
35.5530, -15.0626, 71.4290



74.5090, -31.3099, 149.5206

Previews

White Background



This preview shows how the YUV color 33.5630, -13.5886, 65.2812 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

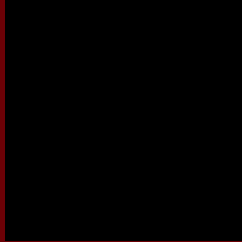
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.5630, -13.5886, 65.2812

Background



This preview shows how black text looks on a background with the YUV color 33.5630, -13.5886, 65.2812.



This preview shows how white text looks on a background with the YUV color 33.5630, -13.5886,

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

33.5630, -13.5886, 65.2812

Protanopia

52.3480, -17.9196, 7.5878

Deuteranopia

51.1550, -25.2194, 15.6501



Tritanopia

37.8630, -18.6665, 60.6331

Trichromacy



Original Color

33.5630, -13.5886, 65.2812

Protanomaly

45.2350, -16.3849, 28.7349

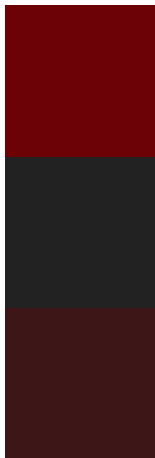
Deuteranomaly

44.4160, -20.9111, 33.8382

Tritanomaly

36.3300, -16.9247, 61.9776

Monochromacy



Original Color

33.5630, -13.5886, 65.2812

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8890, -4.8753, 23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5630, -13.5886, 65.2812 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(108, 1, 6)` looks like.

```
.text, #text, p{  
    color:rgb(108, 1, 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(108, 1, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 1, 6) }
```

Border

The CSS property to change the border of an element to YUV 33.5630, -13.5886, 65.2812 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(108, 1, 6) }
```


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

```
.border{ border-color:rgb(108, 1, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 1, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 1, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(108, 1, 6); box-shadow:4px  
4px 4px 4px rgb(108, 1, 6) }
```

Background

The CSS property to change the background color of an element to YUV 33.5630, -13.5886, 65.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 1, 6) }
```

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

```
.background{ background-color: rgb(108, 1,  
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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