

Converting Colors

YUV(66.8360, -7.8071, 30.8388)

Have a look what the booklet for
YUV(66.8360, -7.8071, 30.8388)
contains.

YUV(66.8360, -7.8071, 30.8388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(66.8360, -7.8071,
30.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	663433
RGB	102, 52, 51
RGB Percent	40%, 20%, 20%
CMY	0.6000, 0.7961, 0.8000
CMYK	0.00, 0.49, 0.50, 0.60
HSL	1°, 33%, 30%
HSV	1°, 50%, 40%
XYZ	7.3050, 5.5198, 3.8124
YIQ	66.8360, 30.1210, 10.2890

Conversions

Conversions Part 2

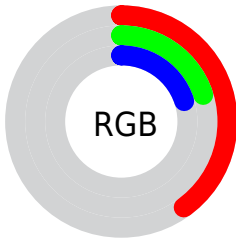
Format	Color
R_{YB}	102, 52, 51
Decimal	6698035
CIE Lab	28.17, 22.21, 10.72
CIE LCh	28, 24.661, 25.767
Yxy	5.5198, 0.4391, 0.3318
Android (android.graphics.Color)	4284888115 (0xFF663433)
YUV	66.8360, -7.8071, 30.8388
Hunter-Lab	23.4942, 14.3859, 6.8250

Details

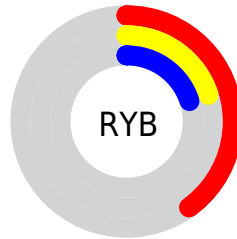
The YUV color **66.8360, -7.8071, 30.8388** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.1640, 7.8071, -30.8388**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1030, -9.4178, 34.1127**, and **20.2270, -7.5069, 27.8649** is the 20% darker color. If you saturate the color by 10%, you get **59.8260, -9.2812, 36.9866**, and if you desaturate by 10%, it is **73.8460, -6.3331, 24.6911**.

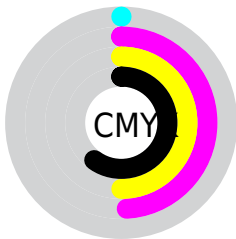
Distribution



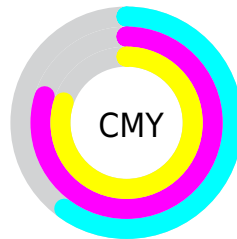
- Red (40%)
- Green (20%)
- Blue (20%)



- Red (40%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (50%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8360, -7.8071, 30.8388 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 66.8360, -7.8071, 30.8388 by changing the saturation by 10% instead.

■ 66.8360, -7.8071,
30.8388

■ 66.8360, -7.8071,
30.8388

■ 255.0000, 0.0000,
0.0000

■ 43.7540, -6.7807,
28.2797

■ 116.1030, -9.4178,
34.1127

■ 20.2270, -7.5069,
27.8649

■ 142.0000, -9.8600,
35.9570

■ 8.4860, -3.6906,
17.1138

■ 168.5980,
-10.1548, 37.1866

■ 0.0000, 0.0000,
0.0000

■ 196.0820,
-10.8864, 38.5161

■ 220.1950, -8.9701,
30.5240

■ 239.8230, -4.8427,

13.3102

■ 66.8360, -7.8071,
30.8388

■ 66.8360, -7.8071,
30.8388

■ 59.8260, -9.2812,
36.9866

■ 73.8460, -6.3331,
24.6911

■ 52.8160, -10.7553,
43.1344

■ 80.8560, -4.8590,
18.5433

■ 45.6920, -12.6662,
49.3821

■ 87.9800, -2.9481,
12.2955

■ 38.6820, -14.1402,
55.5299

■ 94.9900, -1.4741,
6.1478

■ 31.6720, -15.6143,
61.6777

■ 102.0000, 0.0000,
0.0000

■ 109.0100, 1.4741,
-6.1478

■ 116.0200, 2.9481,
-12.2955

■ 123.1440, 4.8590,
-18.5433

■ 130.1540, 6.3331,
-24.6911

Harmonies

Analogous

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



67.8170, 1.0762, 28.2245



66.8360, -7.8071, 30.8388



66.5550, -15.0636, 24.9463

Triad

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



66.8360, -7.8071, 30.8388



59.8160, -7.7973, -19.1326



60.4320, 21.4790, -29.3199

Complementary

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



66.8360, -7.8071, 30.8388



86.1640, 7.8071, -30.8388

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.



54.4960, 20.9545, -47.7930



66.8360, -7.8071, 30.8388



51.7940, 5.5246, -45.4233

Square

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



66.8360, -7.8071, 30.8388



62.8630, -15.7085, -1.6339



53.9600, 13.8237, -47.3229



67.6310, 16.4509, -3.1844

Rectangle

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



66.8360, -7.8071, 30.8388



65.4140, -17.9521, 18.0539



53.9600, 13.8237, -47.3229



54.9140, 23.7064, -43.7746

Sweetspot

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



66.8360, -7.8071, 30.8388



118.9800, -2.9481, 12.2955



71.9490, 14.3221, 26.3547



58.1750, -2.0583, 6.8625



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



66.8360, -7.8071, 30.8388



78.0940, -12.3713, 48.1526



81.5110, -15.0419, 17.9689



47.4950, -0.7370, 3.0739



35.5590, -17.5306, 69.6698



75.2930, -37.1194, 146.2020

Inverse Universe

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



86.1640, 7.8071, -30.8388



107.9060, 12.3713, -48.1526



71.4890, 15.0419, -17.9689



49.5050, 0.7370, -3.0739



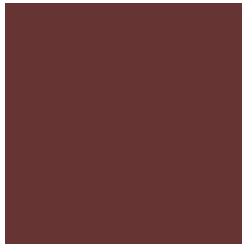
79.4410, 17.5306, -69.6698



167.2940, 36.8301, -146.7168

Previews

White Background



This preview shows how the YUV color 66.8360, -7.8071, 30.8388 looks on a white background.

Color Contrast Check

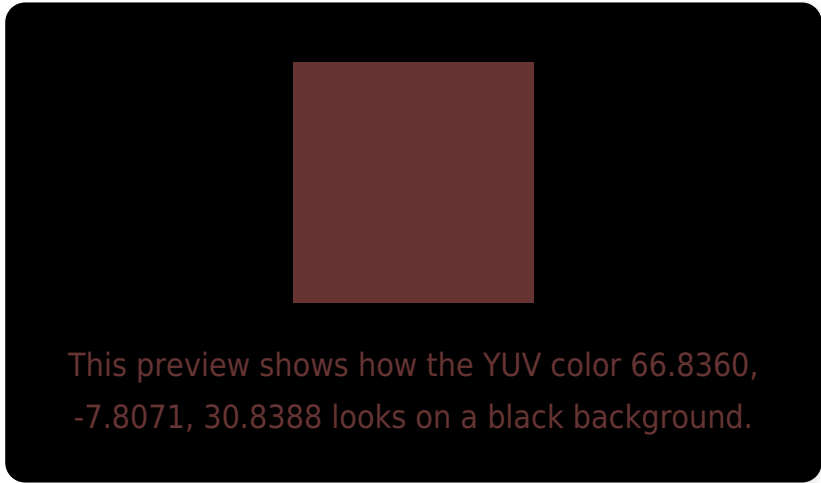
Large Text (above 18pt) WCAG AA ✓ Pass

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

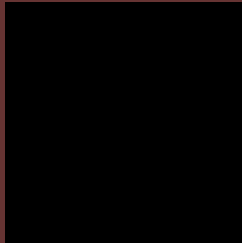
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.8360, -7.8071, 30.8388

Background



This preview shows how black text looks on a background with the YUV color 66.8360, -7.8071, 30.8388.



This preview shows how white text looks on a background with the YUV color 66.8360, -7.8071,

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

66.8360, -7.8071, 30.8388

Protanopia

66.8710, -4.3734, 2.7441

Deuteranopia

66.7750, -8.7631, 10.7213



Tritanopia

66.7050, -5.7706, 30.9537

Trichromacy



Original Color

66.8360, -7.8071, 30.8388

Protanomaly

67.1820, -6.0057, 12.9954

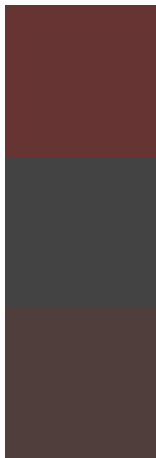
Deuteranomaly

66.9330, -8.3480, 17.5988

Tritanomaly

66.5910, -6.2074, 31.0537

Monochromacy



Original Color

66.8360, -7.8071, 30.8388

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2680, -3.0901, 11.1660

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8360, -7.8071, 30.8388 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(102, 52, 51)` looks like.

```
.text, #text, p{  
    color:rgb(102, 52, 51)  
}
```

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(102, 52, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 52, 51) }
```

Border

The CSS property to change the border of an element to YUV 66.8360, -7.8071, 30.8388 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(102, 52, 51) }
```


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

```
.border{ border-color:rgb(102, 52, 51) }
```

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

Here you see how a box with a 4 pixel rgb(102, 52, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 52, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 52, 51);  
box-shadow:4px 4px 4px 4px rgb(102, 52,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 66.8360, -7.8071, 30.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 52, 51) }
```

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

```
.background{ background-color: rgb(102, 52,  
51) }
```

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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