

Converting Colors

YUV(66.8570, -6.3385, 26.4354)

Have a look what the booklet for
YUV(66.8570, -6.3385, 26.4354)
contains.

YUV(66.8570, -6.3385, 26.4354)	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(66.8570, -6.3385,
26.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	613636
RGB	97, 54, 54
RGB Percent	38%, 21%, 21%
CMY	0.6196, 0.7882, 0.7882
CMYK	0.00, 0.44, 0.44, 0.62
HSL	0°, 28%, 30%
HSV	0°, 44%, 38%
XYZ	6.9148, 5.4461, 4.1768
YIQ	66.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

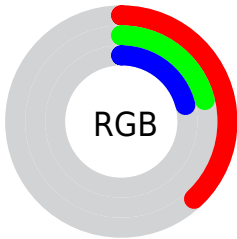
Format	Color
R_YB	97, 54, 54
Decimal	6370870
CIE Lab	27.97, 19.21, 8.36
CIE LCh	28, 20.945, 23.519
Yxy	5.4461, 0.4181, 0.3293
Android (android.graphics.Color)	4284560950 (0xFF613636)
YUV	66.8570, -6.3385, 26.4354
Hunter-Lab	23.3368, 12.0509, 5.7242

Details

The YUV color **66.8570, -6.3385, 26.4354** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.1430, 6.3385, -26.4354**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9390, -7.3649, 28.9945**, and **21.3620, -5.6015, 23.3615** is the 20% darker color. If you saturate the color by 10%, you get **59.8470, -7.8126, 32.5832**, and if you desaturate by 10%, it is **73.8670, -4.8644, 20.2876**.

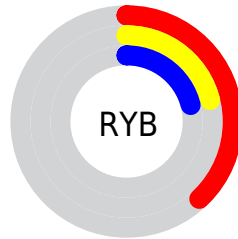
Distribution



Red (38%)

Green (21%)

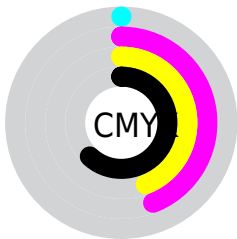
Blue (21%)



Red (38%)

Yellow (21%)

Blue (21%)

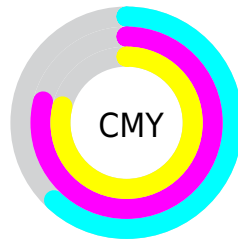


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (62%)



Cyan (62%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8570, -6.3385, 26.4354 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 66.8570, -6.3385, 26.4354 by changing the saturation by 10% instead.

■ 66.8570, -6.3385,
26.4354

■ 66.8570, -6.3385,
26.4354

255.0000, 0.0000,
0.0000

■ 44.0740, -5.4595,
24.4911

■ 115.9390, -7.3649,
28.9945

■ 21.3620, -5.6015,
23.3615

■ 141.8360, -7.8071,
30.8388

■ 6.5780, -3.2430,
13.5251

■ 168.3200, -8.5388,
32.1684

■ 0.0000, 0.0000,
0.0000

■ 195.6190, -8.6862,
32.7831

■ 221.2380, -7.5123,
29.6093

■ 241.4530, -3.6743,

11.8807

■ 66.8570, -6.3385,
26.4354

■ 66.8570, -6.3385,
26.4354

■ 59.8470, -7.8126,
32.5832

■ 73.8670, -4.8644,
20.2876

■ 53.5380, -9.1392,
38.1162

■ 80.1760, -3.5378,
14.7546

■ 46.5280, -10.6133,
44.2639

■ 87.1860, -2.0637,
8.6069

■ 39.5180, -12.0874,
50.4117

■ 94.1960, -0.5896,
2.4591

■ 33.2090, -13.4140,
55.9447

■ 101.2060, 0.8844,
-3.6887

■ 29.0030, -14.2985,
59.6334

■ 107.5150, 2.2111,
-9.2217

■ 114.5250, 3.6852,
-15.3694

■ 121.5350, 5.1592,
-21.5172

■ 127.8440, 6.4859,
-27.0502

Harmonies

Analogous

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



67.7840, 1.0925, 22.9914



66.8570, -6.3385, 26.4354



65.9290, -12.2900, 21.9873

Triad

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



66.8570, -6.3385, 26.4354



60.9630, -7.3768, -13.9996



62.1400, 17.6790, -23.8018

Complementary

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



66.8570, -6.3385, 26.4354



84.1430, 6.3385, -26.4354

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.



53.2250, 18.6231, -46.6783



66.8570, -6.3385, 26.4354



56.7850, 2.5710, -31.3834

Square

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



66.8570, -6.3385, 26.4354



63.7430, -13.6773, 0.2254



52.3300, 12.6553, -45.8934



66.6480, 13.9775, -3.1993

Rectangle

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



66.8570, -6.3385, 26.4354



65.5000, -15.0365, 16.2245



52.3300, 12.6553, -45.8934



59.3240, 18.5743, -30.9791

Sweetspot

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



66.8570, -6.3385, 26.4354



113.7840, -2.3585, 9.8364



71.7590, 12.4438, 22.1364



56.9900, -1.4741, 6.1478



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.



66.8570, -6.3385, 26.4354



78.7340, -9.7289, 40.5753



79.7710, -12.7051, 15.1098



45.1960, -0.5896, 2.4591



33.4880, -16.5096, 68.8550



71.7600, -35.3777, 147.5465

Inverse Universe

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



84.1430, 6.3385, -26.4354



105.2660, 9.7289, -40.5753



71.8160, 12.4157, -15.6246



46.8040, 0.5896, -2.4591



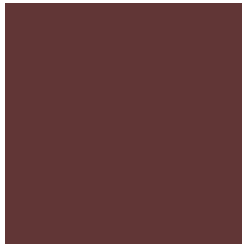
78.5120, 16.5096, -68.8550



168.2400, 35.3777, -147.5465

Previews

White Background



This preview shows how the YUV color 66.8570, -6.3385, 26.4354 looks on a white background.

Color Contrast Check

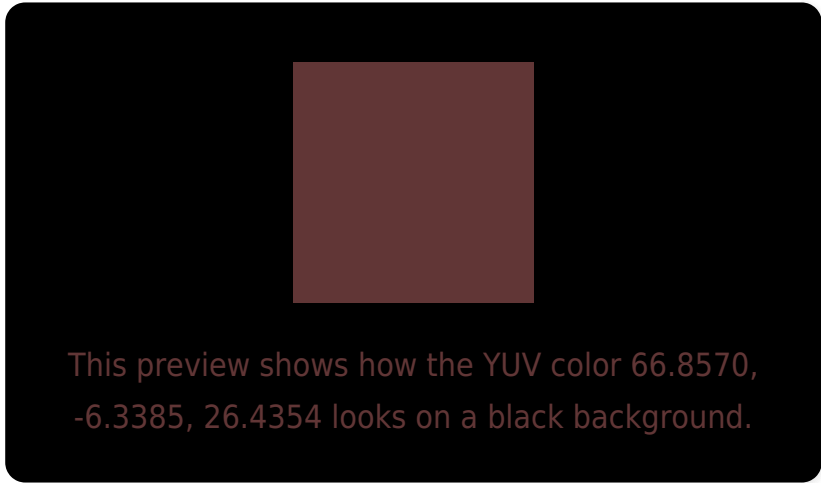
Large Text (above 18pt) WCAG AA ✓ Pass

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

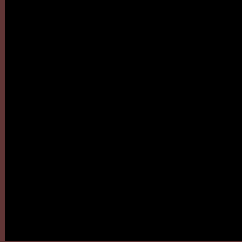
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.8570, -6.3385, 26.4354

Background



This preview shows how black text looks on a background with the YUV color 66.8570, -6.3385, 26.4354.



This preview shows how white text looks on a background with the YUV color 66.8570, -6.3385,

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

66.8570, -6.3385, 26.4354

Protanopia

66.2130, -3.0630, 2.4442

Deuteranopia

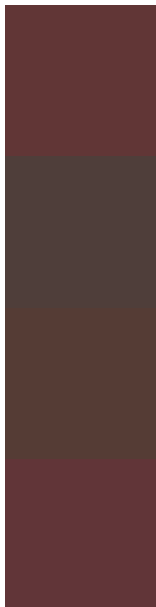
66.8180, -7.3053, 9.8066



Tritanopia

66.6120, -4.7387, 26.6503

Trichromacy



Original Color

66.8570, -6.3385, 26.4354

Protanomaly

66.6270, -4.2531, 10.8511

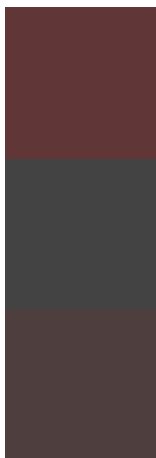
Deuteranomaly

66.6770, -6.7428, 16.0693

Tritanomaly

66.4980, -5.1755, 26.7503

Monochromacy



Original Color

66.8570, -6.3385, 26.4354

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7840, -2.3585, 9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8570, -6.3385, 26.4354 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, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(97, 54, 54)  
}
```

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, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 54, 54) }
```

Border

The CSS property to change the border of an element to YUV 66.8570, -6.3385, 26.4354 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, 54, 54) }
```


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

```
.border{ border-color:rgb(97, 54, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 54, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(97, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.8570, -6.3385, 26.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 54, 54) }
```

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

```
.background{ background-color: rgb(97, 54,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor