

Converting Colors

YUV(66.5230, -6.6668, -8.3517)

Have a look what the booklet for
YUV(66.5230, -6.6668, -8.3517)
contains.

YUV(66.5230, -6.6668, -8.3517)	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(66.5230, -6.6668,
-8.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	394A35
RGB	57, 74, 53
RGB Percent	22%, 29%, 21%
CMY	0.7765, 0.7098, 0.7922
CMYK	0.23, 0.00, 0.28, 0.71
HSL	109°, 17%, 25%
HSV	109°, 28%, 29%
XYZ	4.7787, 6.0245, 4.2791
YIQ	66.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

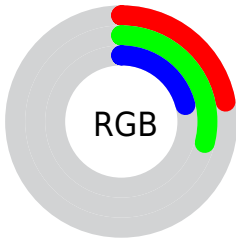
Format	Color
RYB	53, 74, 70
Decimal	3754549
CIELab	29.47, -11.47, 10.41
CIELCh	29, 15.485, 137.778
Yxy	6.0245, 0.3168, 0.3994
Android (android.graphics.Color)	4281944629 (0xFF394A35)
YUV	66.5230, -6.6668, -8.3517
Hunter-Lab	24.5448, -8.2004, 6.8447

Details

The YUV color **66.5230, -6.6668, -8.3517** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.4770, 6.6668, 8.3517**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6970, -7.2456, -9.3813**, and **23.1210, -6.9617, -7.1221** is the 20% darker color. If you saturate the color by 10%, you get **63.9310, -8.8400, -11.3405**, and if you desaturate by 10%, it is **69.1150, -4.4937, -5.3629**.

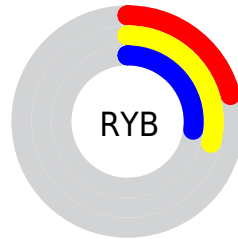
Distribution



Red (22%)

Green (29%)

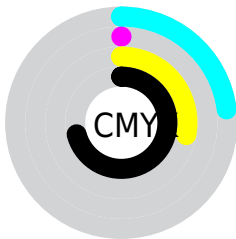
Blue (21%)



Red (21%)

Yellow (29%)

Blue (27%)

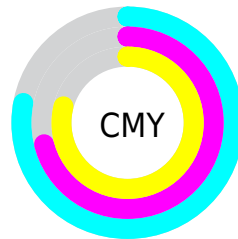


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (71%)



Cyan (78%)

Magenta (71%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5230, -6.6668, -8.3517 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 66.5230, -6.6668, -8.3517 by changing the saturation by 10% instead.

66.5230, -6.6668,
-8.3517

66.5230, -6.6668,
-8.3517

255.0000, 0.0000,
0.0000

44.0500, -5.9407,
-7.9369

114.6970, -7.2456,
-9.3813

23.1210, -6.9617,
-7.1221

140.5830, -7.6824,
-9.2813

0.0000, 0.0000,
0.0000

166.5830, -7.6824,
-9.2813

194.0560, -8.4086,
-9.6961

221.7570, -8.2612,
-10.3109

247.7080, -7.2510,

-7.6369

■ 66.5230, -6.6668,
-8.3517

■ 66.5230, -6.6668,
-8.3517

■ 63.9310, -8.8400,
-11.3405

■ 69.1150, -4.4937,
-5.3629

■ 61.2250, -11.4499,
-14.2293

■ 71.8210, -1.8838,
-2.4740

■ 58.6330, -13.6231,
-17.2181

■ 74.4130, 0.2894,
0.5148

■ 55.9270, -16.2330,
-20.1070

■ 77.1190, 2.8993,
3.4036

■ 53.3350, -18.4062,
-23.0958

■ 79.7110, 5.0725,
6.3925

■ 50.7430, -20.5793,
-26.0846

■ 82.3030, 7.2456,
9.3813

■ 48.0370, -23.1892,
-28.9734

■ 85.0090, 9.8556,
12.2701

■ 47.6240, -23.4786,
-29.4882

■ 87.6010, 12.0287,
15.2589

■ 90.3070, 14.6386,
18.1478

Harmonies

Analogous

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



68.1500, -10.9200, 2.4994



66.5230, -6.6668, -8.3517



64.7650, -0.3771, -19.0879

Triad

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



66.5230, -6.6668, -8.3517



66.9190, 12.8579, -17.4690



71.0950, -3.9908, 20.0877

Complementary

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



66.5230, -6.6668, -8.3517



60.4770, 6.6668, 8.3517

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.



71.2670, 1.8404, 16.4288



66.5230, -6.6668, -8.3517



69.5400, 11.0728, -4.8586

Square

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



66.5230, -6.6668, -8.3517



64.1090, 11.2853, -26.4056



71.2920, 7.2510, 7.6369



70.1180, -8.9322, 18.3135

Rectangle

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



66.5230, -6.6668, -8.3517



63.5840, 4.1491, -24.1912



71.2920, 7.2510, 7.6369



71.2520, -2.0962, 19.0730

Sweetspot

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



66.5230, -6.6668, -8.3517



93.8810, -2.8993, -3.4036



69.2580, -8.0152, 4.1587



46.2340, -1.5944, -1.9592



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



66.5230, -6.6668, -8.3517



85.1650, -10.4343, -13.2997



66.0110, -3.4564, -11.4106



36.6470, -1.3050, -1.4444



65.5550, -32.3186, -40.8287



148.1660, -73.0458, -91.3536

Inverse Universe

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



60.4770, 6.6668, 8.3517



75.8350, 10.4343, 13.2997



60.9890, 3.4564, 11.4106



35.6520, 1.1576, 2.0592



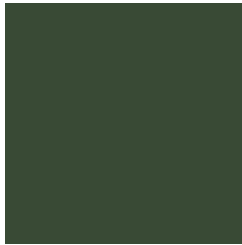
36.4450, 32.3186, 40.8287



81.8340, 73.0458, 91.3536

Previews

White Background



This preview shows how the YUV color 66.5230, -6.6668, -8.3517 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



This preview shows how the YUV color 66.5230, -6.6668, -8.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

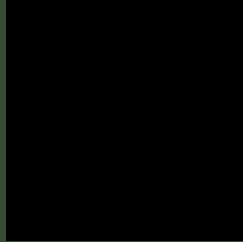
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5230, -6.6668, -8.3517

Background



This preview shows how black text looks on a background with the YUV color 66.5230, -6.6668, -8.3517.



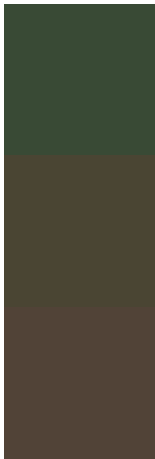
This preview shows how white text looks on a background with the YUV color 66.5230, -6.6668,

-8.3517.

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

66.5230, -6.6668, -8.3517

Protanopia

68.4430, -8.5994, 4.8735

Deuteranopia

69.8180, -7.3053, 9.8066



Tritanopia

68.6940, 4.0949, -6.7476

Trichromacy



Original Color

66.5230, -6.6668, -8.3517

Protanomaly

67.9370, -7.8569, 0.0553

Deuteranomaly

68.7740, -7.2836, 2.8292

Tritanomaly

67.9560, 0.0217, -6.9774

Monochromacy



Original Color

66.5230, -6.6668, -8.3517

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5230, -6.6668, -8.3517 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(57, 74, 53)` looks like.

```
.text, #text, p{  
    color:rgb(57, 74, 53)  
}
```

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(57, 74, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 74, 53) }
```

Border

The CSS property to change the border of an element to YUV 66.5230, -6.6668, -8.3517 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(57, 74, 53) }
```


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

```
.border{ border-color:rgb(57, 74, 53) }
```

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

Here you see how a box with a 4 pixel rgb(57, 74, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 74, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 74, 53);  
box-shadow:4px 4px 4px 4px rgb(57, 74, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5230, -6.6668, -8.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 74, 53) }
```

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

```
.background{ background-color: rgb(57, 74,  
53) }
```

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