

Converting Colors

YUV(66.5550, 8.1074, -33.8127)

Have a look what the booklet for
YUV(66.5550, 8.1074, -33.8127)
contains.

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Color

**YUV(66.5550, 8.1074,
-33.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	1C5353
RGB	28, 83, 83
RGB Percent	11%, 33%, 33%
CMY	0.8902, 0.6745, 0.6745
CMYK	0.66, 0.00, 0.00, 0.67
HSL	180°, 50%, 22%
HSV	180°, 66%, 33%
XYZ	5.1335, 7.0579, 9.2754
YIQ	66.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

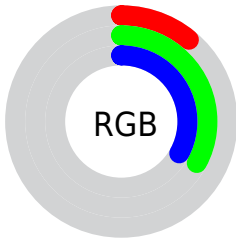
Format	Color
R_{YB}	28, 56, 83
Decimal	1856339
CIE _{Lab}	31.94, -17.63, -5.35
CIE _{LCh}	32, 18.425, 196.875
Yxy	7.0579, 0.2391, 0.3288
Android (android.graphics.Color)	4280046419 (0xFF1C5353)
YUV	66.5550, 8.1074, -33.8127
Hunter-Lab	26.5668, -12.0004, -2.1035




Details

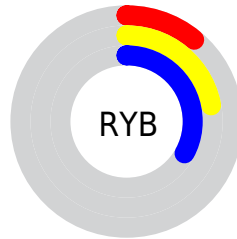
The YUV color **66.5550, 8.1074, -33.8127** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **44.4450, -8.1074, 33.8127**, and the grayscale version is **67.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.0390, 7.3758, -32.4832**, and **26.6380, 5.6015, -23.3615** is the 20% darker color. If you saturate the color by 10%, you get **64.1630, 9.2866, -38.7310**, and if you desaturate by 10%, it is **68.9470, 6.9281, -28.8945**.

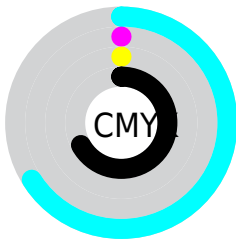
Distribution







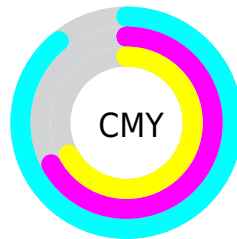
-  Red (11%)
-  Green (33%)
-  Blue (33%)






-  Red (11%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (89%)
-  Magenta (67%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5550, 8.1074, -33.8127 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 66.5550, 8.1074, -33.8127 by changing the saturation by 10% instead.

66.5550, 8.1074,
-33.8127

66.5550, 8.1074,
-33.8127

255.0000, 0.0000,
0.0000

42.0600, 8.8444,
-36.8866

117.0390, 7.3758,
-32.4832

26.6380, 5.6015,
-23.3615

143.0390, 7.3758,
-32.4832

10.2700, 3.8109,
-9.0068

169.7400, 7.5232,
-33.0980

0.0000, 0.0000,
0.0000

197.4410, 7.6706,
-33.7128

225.4410, 7.6706,
-33.7128

243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

66.5550, 8.1074,
-33.8127

66.5550, 8.1074,
-33.8127

64.1630, 9.2866,
-38.7310

68.9470, 6.9281,
-28.8945

61.4720, 10.6133,
-44.2639

71.6380, 5.6015,
-23.3615

59.0800, 11.7926,
-49.1822

74.0300, 4.4222,
-18.4433

58.1830, 12.2348,
-51.0265

76.4220, 3.2430,
-13.5251

79.1130, 1.9163,
-7.9921

■ 81.5050, 0.7370,
-3.0739

■ 83.8970, -0.4422,
1.8443

■ 86.2890, -1.6215,
6.7625

■ 88.9800, -2.9481,
12.2955

Harmonies

Analogous

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



69.3300, -0.6557, -23.0914



66.5550, 8.1074, -33.8127



67.4500, 14.0751, -34.5977

Triad

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



66.5550, 8.1074, -33.8127



77.3460, 8.7034, 8.4666



74.8310, -13.7207, 14.1802

Complementary

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



66.5550, 8.1074, -33.8127



44.4450, -8.1074, 33.8127

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.



75.4990, -10.1060, 21.4874



66.5550, 8.1074, -33.8127



77.4030, 2.2663, 19.8176

Square

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



66.5550, 8.1074, -33.8127



75.5120, 13.5516, -6.5880



76.3020, -4.5859, 24.2911



73.5800, -13.1039, 2.9993

Rectangle

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



66.5550, 8.1074, -33.8127



69.8360, 15.3639, -27.9202



76.3020, -4.5859, 24.2911



75.0810, -12.8579, 17.4690

Sweetspot

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



66.5550, 8.1074, -33.8127



100.7210, 3.0955, -12.9103



60.2850, -15.9165, -28.3139



50.1130, 1.9163, -7.9921



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.5550, 8.1074, -33.8127



81.2860, 12.6770, -52.8708



50.1190, 16.2103, -19.3984



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



50.7150, 15.9165, 28.3139



56.5180, 24.8876, 44.2727



60.2940, -15.9209, 19.9132



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 66.5550, 8.1074, -33.8127 looks on a white background.

Color Contrast Check

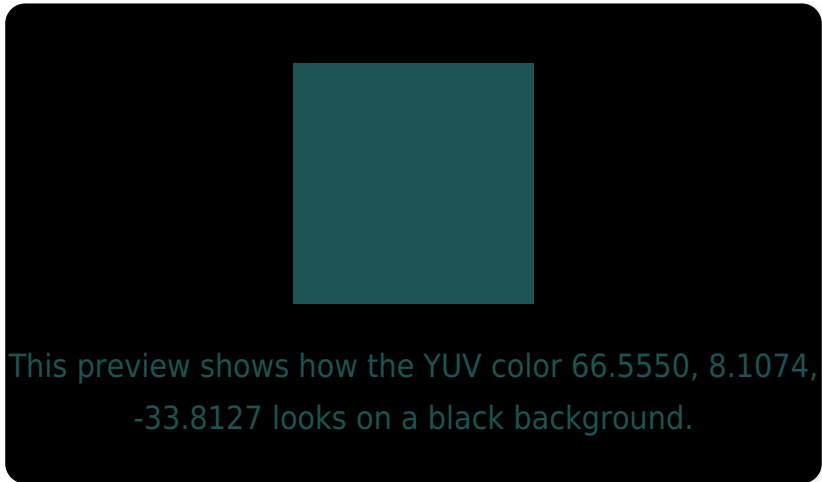
Large Text (above 18pt) WCAG AA ✓ Pass

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

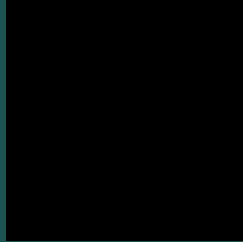
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5550, 8.1074, -33.8127

Background



This preview shows how black text looks on a background with the YUV color 66.5550, 8.1074, -33.8127.



This preview shows how white text looks on a background with the YUV color 66.5550, 8.1074, -33.8127.

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

66.5550, 8.1074, -33.8127

Protanopia

74.7550, 1.5998, 0.2149

Deuteranopia

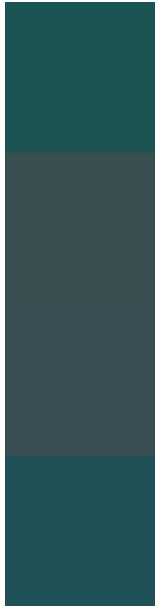
75.5640, 4.6519, 1.2594



Tritanopia

67.5490, 10.5753, -32.0535

Trichromacy



Original Color

66.5550, 8.1074, -33.8127

Protanomaly

71.6610, 4.1111, -11.9807

Deuteranomaly

72.4160, 5.7109, -11.7658

Tritanomaly

67.0220, 9.8492, -32.4683

Monochromacy



Original Color

66.5550, 8.1074, -33.8127

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5550, 8.1074, -33.8127 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(28, 83, 83)` looks like.

```
.text, #text, p{  
    color:rgb(28, 83, 83)  
}
```

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(28, 83, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 83, 83) }
```

Border

The CSS property to change the border of an element to YUV 66.5550, 8.1074, -33.8127 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(28, 83, 83) }
```


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

```
.border{ border-color:rgb(28, 83, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 83, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 83, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 83, 83);  
box-shadow:4px 4px 4px 4px rgb(28, 83, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.5550, 8.1074, -33.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 83, 83) }
```

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

```
.background{ background-color: rgb(28, 83,  
83) }
```

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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