

Converting Colors

YUV(67.8550, 13.3825, 1.0042)

Have a look what the booklet for
YUV(67.8550, 13.3825, 1.0042)
contains.

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Color

**YUV(67.8550, 13.3825,
1.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	453E5F
RGB	69, 62, 95
RGB Percent	27%, 24%, 37%
CMY	0.7294, 0.7569, 0.6275
CMYK	0.27, 0.35, 0.00, 0.63
HSL	253°, 21%, 31%
HSV	253°, 35%, 37%
XYZ	6.2424, 5.5367, 11.5661
YIQ	67.8550, -6.4210, 11.7470

Conversions

Conversions Part 2

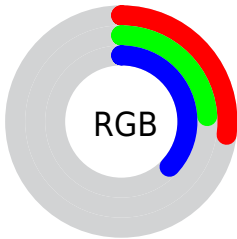
Format	Color
R_{YB}	69, 62, 95
Decimal	4537951
CIE _{Lab}	28.21, 11.16, -18.49
CIE _{LCh}	28, 21.600, 301.118
Yxy	5.5367, 0.2674, 0.2372
Android (android.graphics.Color)	4282728031 (0xFF453E5F)
YUV	67.8550, 13.3825, 1.0042
Hunter-Lab	23.5302, 6.1773, -12.6726

Details

The YUV color **67.8550, 13.3825, 1.0042** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.1450, -13.3825, -1.0042**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4960, 14.5455, 1.3190**, and **24.5020, 12.0775, -0.4403** is the 20% darker color. If you saturate the color by 10%, you get **60.4790, 17.0189, 1.3339**, and if you desaturate by 10%, it is **75.8180, 9.4567, 0.1596**.

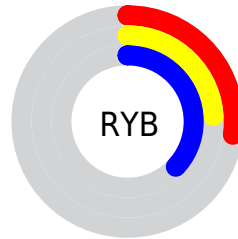
Distribution



Red (27%)

Green (24%)

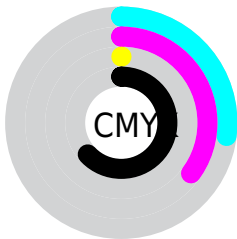
Blue (37%)



Red (27%)

Yellow (24%)

Blue (37%)

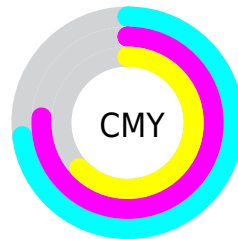


Cyan (27%)

Magenta (35%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (76%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8550, 13.3825, 1.0042 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 67.8550, 13.3825, 1.0042 by changing the saturation by 10% instead.

■ 67.8550, 13.3825,
1.0042

■ 67.8550, 13.3825,
1.0042

■ 255.0000, 0.0000,
0.0000

■ 45.3280, 12.6563,
0.5893

■ 116.4960, 14.5455,
1.3190

■ 24.5020, 12.0775,
-0.4403

■ 141.9090, 14.8349,
1.8338

■ 3.1920, 12.2303,
-2.7994

■ 168.4360, 15.5611,
2.2486

■ 0.0000, 0.0000,
0.0000

■ 195.5500, 15.9979,
2.1487

■ 223.4360, 15.5611,
2.2486

■ 248.5430, 3.1833,

5.6628

■ 67.8550, 13.3825,
1.0042

■ 67.8550, 13.3825,
1.0042

■ 60.4790, 17.0189,
1.3339

■ 75.8180, 9.4567,
0.1596

■ 52.2170, 21.0920,
1.5637

■ 83.4930, 5.6730,
0.4446

■ 44.8410, 24.7284,
1.8934

■ 91.4560, 1.7472,
-0.3999

■ 36.5790, 28.8016,
2.1232

■ 99.1310, -2.0366,
-0.1149

■ 29.2030, 32.4379,
2.4530

■ 107.0940, -5.9623,
-0.9594

■ 20.9410, 36.5111,
2.6827

■ 114.7690, -9.7461,
-0.6744

■ 16.8100, 38.5477,
2.7976

■ 122.7320,
-13.6719, -1.5190

■ 130.4070,
-17.4557, -1.2339

■ 138.3700,
-21.3814, -2.0785

Harmonies

Analogous

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



63.8740, 17.8101, -19.1835



67.8550, 13.3825, 1.0042



68.6460, 7.0765, 16.9735

Triad

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



67.8550, 13.3825, 1.0042



66.4620, -14.0318, 20.6428



54.9520, 5.9397, -38.5459

Complementary

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



67.8550, 13.3825, 1.0042



89.1450, -13.3825, -1.0042

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.



60.7990, -5.3239, -19.1177



67.8550, 13.3825, 1.0042



65.2280, -15.8884, 9.4470

Square

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



67.8550, 13.3825, 1.0042



67.2870, -8.5225, 26.9353



63.5360, -13.0822, -3.9781



53.4870, 14.5499, -46.9081

Rectangle

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



67.8550, 13.3825, 1.0042



68.3110, 1.8187, 23.4063



63.5360, -13.0822, -3.9781



57.5570, 1.6974, -31.1835

Sweetspot

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



67.8550, 13.3825, 1.0042



112.2650, 4.7994, 0.6446



81.0240, 6.8902, -16.6840



55.0970, 2.9102, -0.0851



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.8550, 13.3825, 1.0042



80.1030, 20.6552, 1.6637



72.6390, 11.0240, 10.8406



44.7550, 1.5998, 0.2149



19.9440, 45.3836, 3.5571



42.6090, 97.3138, 7.3589

Inverse Universe

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



74.8310, 6.4923, 17.6882



90.8090, 9.9542, 27.3545



84.3610, -11.0240, -10.8406



45.5380, 0.7208, 2.1592



43.5200, 21.9286, 60.0570



93.3060, 47.1771, 128.6506

Previews

White Background



This preview shows how the YUV color 67.8550, 13.3825, 1.0042 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 67.8550, 13.3825, 1.0042 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 67.8550, 13.3825, 1.0042

Background



This preview shows how black text looks on a background with the YUV color 67.8550, 13.3825, 1.0042.

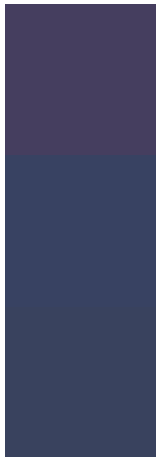


This preview shows how white text looks on a background with the YUV color 67.8550, 13.3825,

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

67.8550, 13.3825, 1.0042

Protanopia

66.6580, 15.4516, -9.3471

Deuteranopia

66.5010, 13.5570, -8.3324



Tritanopia

66.9720, 2.4788, -1.7294

Trichromacy



Original Color

67.8550, 13.3825, 1.0042

Protanomaly

67.4520, 14.5672, -5.6584

Deuteranomaly

67.1100, 13.2568, -5.3585

Tritanomaly

67.0090, 6.4046, -0.8849

Monochromacy



Original Color

67.8550, 13.3825, 1.0042

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8550, 13.3825, 1.0042 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(69, 62, 95)` looks like.

```
.text, #text, p{  
    color:rgb(69, 62, 95)  
}
```

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(69, 62, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 62, 95) }
```

Border

The CSS property to change the border of an element to YUV 67.8550, 13.3825, 1.0042 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(69, 62, 95) }
```


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

```
.border{ border-color:rgb(69, 62, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 62, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 62, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 62, 95);  
box-shadow:4px 4px 4px 4px rgb(69, 62, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8550, 13.3825, 1.0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 62, 95) }
```

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

```
.background{ background-color: rgb(69, 62,  
95) }
```

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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