

Converting Colors

YUV(86.8550, 13.3825, 1.0042)

Have a look what the booklet for
YUV(86.8550, 13.3825, 1.0042)
contains.

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Color

**YUV(86.8550, 13.3825,
1.0042)**

Conversions

Conversions Part 1

Format	Color
Hex	585172
RGB	88, 81, 114
RGB Percent	35%, 32%, 45%
CMY	0.6549, 0.6824, 0.5529
CMYK	0.23, 0.29, 0.00, 0.55
HSL	253°, 17%, 38%
HSV	253°, 29%, 45%
XYZ	10.0042, 9.1745, 17.1632
YIQ	86.8550, -6.4210, 11.7470

Conversions

Conversions Part 2

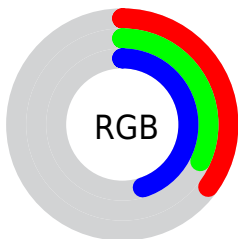
Format	Color
R_{YB}	88, 81, 114
Decimal	5788018
CIE _{Lab}	36.32, 10.57, -17.83
CIE _{LCh}	36, 20.730, 300.647
Yxy	9.1745, 0.2753, 0.2524
Android (android.graphics.Color)	4283978098 (0xFF585172)
YUV	86.8550, 13.3825, 1.0042
Hunter-Lab	30.2894, 5.9498, -12.3935

Details

The YUV color **86.8550, 13.3825, 1.0042** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.1450, -13.3825, -1.0042**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4960, 14.5455, 1.3190**, and **41.2140, 12.2195, 0.6893** is the 20% darker color. If you saturate the color by 10%, you get **77.7070, 17.8924, 1.1340**, and if you desaturate by 10%, it is **96.0030, 8.8725, 0.8744**.

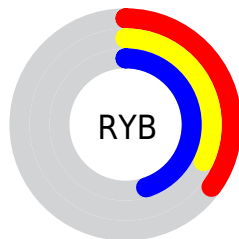
Distribution



Red (35%)

Green (32%)

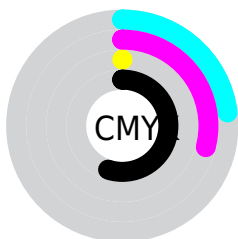
Blue (45%)



Red (35%)

Yellow (32%)

Blue (45%)

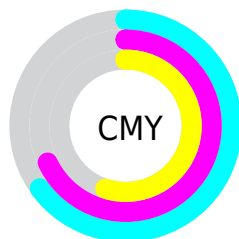


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (68%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8550, 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 86.8550, 13.3825, 1.0042 by changing the saturation by 10% instead.

86.8550, 13.3825,
1.0042

86.8550, 13.3825,
1.0042

255.0000, 0.0000,
0.0000

63.3280, 12.6563,
0.5893

136.4960, 14.5455,
1.3190

41.2140, 12.2195,
0.6893

162.9090, 14.8349,
1.8338

20.3880, 11.6407,
-0.3403

190.0230, 15.2717,
1.7338

3.2090, 9.7570,
-2.8143

218.1370, 15.7085,
1.6339

0.0000, 0.0000,
0.0000

243.8140, 5.5147,
4.5481

86.8550, 13.3825,
1.0042

86.8550, 13.3825,
1.0042

77.7070, 17.8924,
1.1340

96.0030, 8.8725,
0.8744

67.9720, 22.6918,
1.7786

105.7380, 4.0732,
0.2298

58.8240, 27.2018,
1.9084

114.8860, -0.4368,
0.1000

49.0890, 32.0011,
2.5529

124.6210, -5.2362,
-0.5446

39.9410, 36.5111,
2.6827

133.7690, -9.7461,
-0.6744

30.7930, 41.0211,
2.8125

142.9170,
-14.2561, -0.8042

21.0580, 45.8204,
3.4571

152.6520,
-19.0554, -1.4488

20.1720, 46.2572,

161.8000,

3.3572

-23.5654, -1.5786

■ 171.5350,
-28.3648, -2.2232

Harmonies

Analogous

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



83.3580, 17.0785, -17.8540



86.8550, 13.3825, 1.0042



88.2330, 6.7871, 16.4587

Triad

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



86.8550, 13.3825, 1.0042



85.7610, -14.1792, 21.2576



76.5290, 4.1762, -32.9129

Complementary

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



86.8550, 13.3825, 1.0042



108.1450, -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.



80.0980, -5.4713, -18.5029



86.8550, 13.3825, 1.0042



84.5270, -16.0358, 10.0618

Square

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



86.8550, 13.3825, 1.0042



86.5860, -8.6699, 27.5501



82.8350, -13.2297, -3.3633



74.5800, 13.5181, -42.6047

Rectangle

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



86.8550, 13.3825, 1.0042



87.6100, 1.6713, 24.0210



82.8350, -13.2297, -3.3633



77.9380, 0.5236, -28.0096

Sweetspot

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



86.8550, 13.3825, 1.0042



137.0800, 5.3836, -0.0702



100.0240, 6.8902, -16.6840



67.5100, 3.1996, 0.4297



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



86.8550, 13.3825, 1.0042



105.2170, 21.0920, 1.5637



91.6390, 11.0240, 10.8406



51.2820, 2.3260, 0.6297



21.1550, 48.7306, 3.3721



43.7060, 100.2239, 7.2738

Inverse Universe

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



93.8310, 6.4923, 17.6882



116.2220, 10.2436, 27.8693



103.3610, -11.0240, -10.8406



52.3640, 1.2995, 3.1888



46.5960, 23.3702, 64.3753



96.0830, 48.7661, 132.3542

Previews

White Background



This preview shows how the YUV color 86.8550, 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 86.8550, 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 86.8550, 13.3825, 1.0042

Background



This preview shows how black text looks on a background with the YUV color 86.8550, 13.3825, 1.0042.



This preview shows how white text looks on a background with the YUV color 86.8550, 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

86.8550, 13.3825, 1.0042

Protanopia

85.3700, 15.5936, -8.2175

Deuteranopia

85.5120, 13.5516, -6.5880



Tritanopia

85.4990, 3.2050, -1.3146

Trichromacy



Original Color

86.8550, 13.3825, 1.0042

Protanomaly

85.8650, 14.8566, -5.1436

Deuteranomaly

86.1210, 13.2513, -3.6141

Tritanomaly

86.1230, 6.8414, -0.9849

Monochromacy



Original Color

86.8550, 13.3825, 1.0042

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8550, 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(88, 81, 114)` looks like.

```
.text, #text, p{  
    color:rgb(88, 81, 114)  
}
```

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(88, 81, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 81, 114) }
```

Border

The CSS property to change the border of an element to YUV 86.8550, 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(88, 81, 114) }
```


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

```
.border{ border-color:rgb(88, 81, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 81, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 81, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 81, 114);  
box-shadow:4px 4px 4px 4px rgb(88, 81,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 86.8550, 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(88, 81, 114) }
```

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

```
.background{ background-color: rgb(88, 81,  
114) }
```

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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