

Converting Colors

YUV(85.1110, 8.3263, -10.6213)

Have a look what the booklet for
YUV(85.1110, 8.3263, -10.6213)
contains.

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Color

**YUV(85.1110, 8.3263,
-10.6213)**

Conversions

Conversions Part 1

Format	Color
Hex	495866
RGB	73, 88, 102
RGB Percent	29%, 35%, 40%
CMY	0.7137, 0.6549, 0.6000
CMYK	0.28, 0.14, 0.00, 0.60
HSL	209°, 17%, 34%
HSV	209°, 28%, 40%
XYZ	8.6357, 9.3552, 13.9210
YIQ	85.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

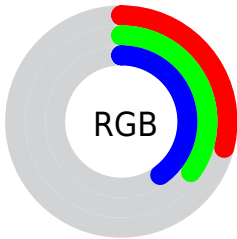
Format	Color
R_{YB}	73, 83, 102
Decimal	4806758
CIE Lab	36.66, -2.20, -9.96
CIE LCh	37, 10.203, 257.540
Yxy	9.3552, 0.2706, 0.2932
Android (android.graphics.Color)	4282996838 (0xFF495866)
YUV	85.1110, 8.3263, -10.6213
Hunter-Lab	30.5863, -3.1289, -5.5747

Details

The YUV color **85.1110, 8.3263, -10.6213** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.8890, -8.3263, 10.6213**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9260, 8.9105, -11.3361**, and **39.8830, 7.4527, -10.4214** is the 20% darker color. If you saturate the color by 10%, you get **79.1860, 11.2473, -14.1951**, and if you desaturate by 10%, it is **91.0360, 5.4053, -7.0476**.

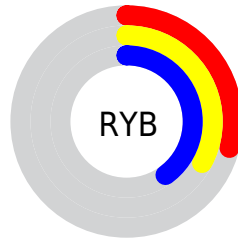
Distribution



Red (29%)

Green (35%)

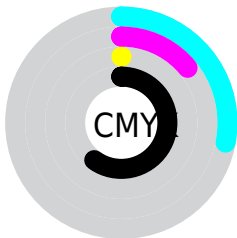
Blue (40%)



Red (29%)

Yellow (33%)

Blue (40%)

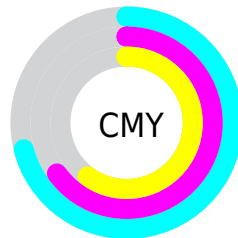


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (60%)



Cyan (71%)

Magenta (65%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1110, 8.3263, -10.6213 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 85.1110, 8.3263, -10.6213 by changing the saturation by 10% instead.

■ 85.1110, 8.3263,
-10.6213

■ 85.1110, 8.3263,
-10.6213

■ 255.0000, 0.0000,
0.0000

■ 61.9970, 7.8895,
-10.5214

■ 134.9260, 8.9105,
-11.3361

■ 39.8830, 7.4527,
-10.4214

■ 161.0400, 9.3473,
-11.4361

■ 18.2850, 7.7475,
-11.6509

■ 188.0400, 9.3473,
-11.4361

■ 1.1400, 4.3680,
-0.9998

■ 216.1540, 9.7841,
-11.5361

■ 0.0000, 0.0000,
0.0000

■ 243.1280, 5.8529,
-10.6363

■ 85.1110, 8.3263,
-10.6213

■ 85.1110, 8.3263,
-10.6213

■ 79.1860, 11.2473,
-14.1951

■ 91.0360, 5.4053,
-7.0476

■ 73.2610, 14.1683,
-17.7689

■ 96.9610, 2.4842,
-3.4738

■ 67.0370, 17.2368,
-21.9574

■ 103.1850, -0.5842,
0.7148

■ 61.1120, 20.1578,
-25.5312

■ 109.1100, -3.5052,
4.2885

■ 55.1870, 23.0788,
-29.1050

■ 115.0350, -6.4263,
7.8623

■ 49.2620, 25.9998,
-32.6788

■ 120.9600, -9.3473,
11.4361

■ 43.9240, 28.6315,
-36.7673

■ 126.2980,
-11.9789, 15.5247

■ 42.7390, 29.2157,

■ 132.5220,

-37.4821

-15.0473, 19.7132

 138.4470,
-17.9684, 23.2870

Harmonies

Analogous

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



83.7360, 7.0322, -15.5545



85.1110, 8.3263, -10.6213



86.3400, 7.7204, -2.9292

Triad

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



85.1110, 8.3263, -10.6213



87.9910, -2.9536, 14.0399



84.1150, -4.4937, -5.3629

Complementary

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



85.1110, 8.3263, -10.6213



89.8890, -8.3263, 10.6213

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.



85.4750, -7.1362, 2.2144



85.1110, 8.3263, -10.6213



87.0680, -6.4425, 13.0954

Square

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



85.1110, 8.3263, -10.6213



88.0060, 0.9830, 11.3957



86.5790, -8.1734, 8.2622



83.6950, -0.8356, -12.0105

Rectangle

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



85.1110, 8.3263, -10.6213



86.9170, 5.9569, 2.7038



86.5790, -8.1734, 8.2622



84.7840, -5.8095, -3.3186

Sweetspot

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



85.1110, 8.3263, -10.6213



125.8900, 3.5052, -4.2885



91.6190, -2.2772, -16.3289



62.1460, 1.9000, -2.7590



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



85.1110, 8.3263, -10.6213



106.6310, 12.9999, -16.3394



76.8930, 12.3778, -3.4142



48.3310, 1.3158, -2.0443



47.7430, 33.1577, -41.8706



100.9630, 69.5312, -88.5446

Inverse Universe

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



83.3810, 2.2772, 16.3289



104.0770, 3.4130, 25.3655



98.1070, -12.3778, 3.4142



47.8370, 0.5734, 2.7740



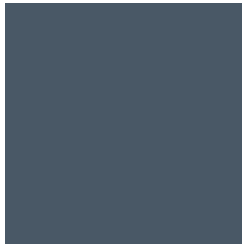
41.1110, 8.8193, 64.8007



86.6080, 18.9273, 136.2788

Previews

White Background



This preview shows how the YUV color 85.1110, 8.3263, -10.6213 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 85.1110, 8.3263, -10.6213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

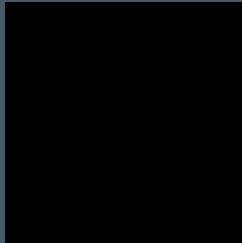
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

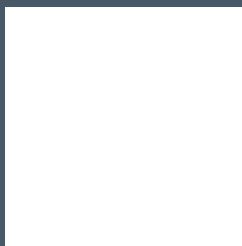
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.1110, 8.3263, -10.6213

Background



This preview shows how black text looks on a background with the YUV color 85.1110, 8.3263, -10.6213.



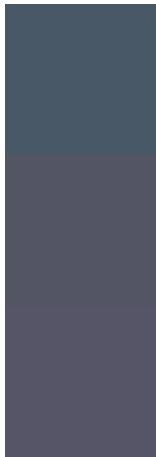
This preview shows how white text looks on a background with the YUV color 85.1110, 8.3263, -10.6213.

-10.6213.

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

85.1110, 8.3263, -10.6213

Protanopia

86.1120, 6.8468, -2.7292

Deuteranopia

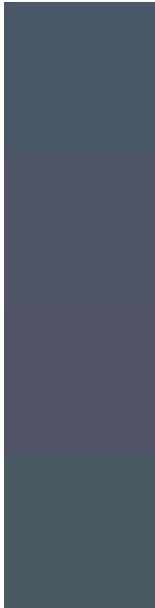
86.7640, 8.0043, -0.6700



Tritanopia

84.7150, 5.5635, -11.1511

Trichromacy



Original Color

85.1110, 8.3263, -10.6213

Protanomaly

85.6170, 7.5838, -5.8031

Deuteranomaly

85.8560, 8.4520, -4.2587

Tritanomaly

84.9430, 6.4371, -11.3510

Monochromacy



Original Color

85.1110, 8.3263, -10.6213

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0750, 2.9210, -3.5738

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1110, 8.3263, -10.6213 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(73, 88, 102)` looks like.

```
.text, #text, p{  
    color:rgb(73, 88, 102)  
}
```

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(73, 88, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 88, 102) }
```

Border

The CSS property to change the border of an element to YUV 85.1110, 8.3263, -10.6213 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(73, 88, 102) }
```


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

```
.border{ border-color:rgb(73, 88, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 88, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 88, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 88, 102);  
box-shadow:4px 4px 4px 4px rgb(73, 88,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 85.1110, 8.3263, -10.6213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 88, 102) }
```

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

```
.background{ background-color: rgb(73, 88,  
102) }
```

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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