

Converting Colors

YUV(82.2250, 8.7631, -10.7213)

Have a look what the booklet for
YUV(82.2250, 8.7631, -10.7213)
contains.

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Color

**YUV(82.2250, 8.7631,
-10.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	465564
RGB	70, 85, 100
RGB Percent	27%, 33%, 39%
CMY	0.7255, 0.6667, 0.6078
CMYK	0.30, 0.15, 0.00, 0.61
HSL	210°, 18%, 33%
HSV	210°, 30%, 39%
XYZ	8.0745, 8.7192, 13.3140
YIQ	82.2250, -13.7550, 1.4850

Conversions

Conversions Part 2

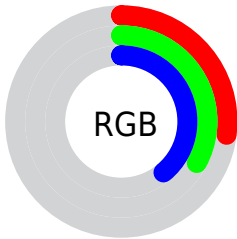
Format	Color
R_{YB}	70, 80, 100
Decimal	4609380
CIE _{Lab}	35.44, -1.91, -10.58
CIE _{LCh}	35, 10.754, 259.748
Yxy	8.7192, 0.2682, 0.2896
Android (android.graphics.Color)	4282799460 (0xFF465564)
YUV	82.2250, 8.7631, -10.7213
Hunter-Lab	29.5283, -2.8635, -6.0634

Details

The YUV color **82.2250, 8.7631, -10.7213** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.7750, -8.7631, 10.7213**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0400, 9.3473, -11.4361**, and **36.9970, 7.8895, -10.5214** is the 20% darker color. If you saturate the color by 10%, you get **76.3000, 11.6841, -14.2951**, and if you desaturate by 10%, it is **88.1500, 5.8420, -7.1476**.

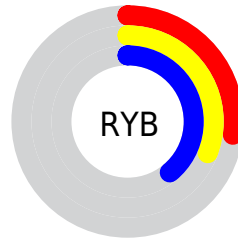
Distribution



Red (27%)

Green (33%)

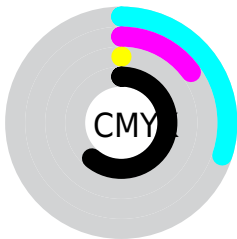
Blue (39%)



Red (27%)

Yellow (31%)

Blue (39%)

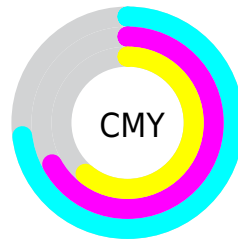


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (61%)



Cyan (73%)

Magenta (67%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2250, 8.7631, -10.7213 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 82.2250, 8.7631, -10.7213 by changing the saturation by 10% instead.

■ 82.2250, 8.7631,
-10.7213

■ 82.2250, 8.7631,
-10.7213

■ 255.0000, 0.0000,
0.0000

■ 59.1110, 8.3263,
-10.6213

■ 132.0400, 9.3473,
-11.4361

■ 36.9970, 7.8895,
-10.5214

■ 158.1540, 9.7841,
-11.5361

■ 15.9860, 7.8949,
-12.2657

■ 185.1540, 9.7841,
-11.5361

■ 0.7980, 3.0576,
-0.6998

■ 212.2680, 10.2209,
-11.6360

■ 0.0000, 0.0000,
0.0000

■ 240.1710, 7.3107,
-11.5510

■ 82.2250, 8.7631,
-10.7213

■ 82.2250, 8.7631,
-10.7213

■ 76.3000, 11.6841,
-14.2951

■ 88.1500, 5.8420,
-7.1476

■ 70.3750, 14.6051,
-17.8689

■ 94.0750, 2.9210,
-3.5738

■ 64.4500, 17.5261,
-21.4427

■ 100.0000, 0.0000,
0.0000

■ 58.5250, 20.4472,
-25.0164

■ 105.9250, -2.9210,
3.5738

■ 52.6000, 23.3682,
-28.5902

■ 111.8500, -5.8420,
7.1476

■ 46.6750, 26.2892,
-32.1640

■ 117.7750, -8.7631,
10.7213

■ 40.7500, 29.2102,
-35.7377

■ 123.7000,
-11.6841, 14.2951

■ 129.6250,

-14.6051, 17.8689

■ 135.5500,
-17.5262, 21.4426

Harmonies

Analogous

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



80.5510, 7.6164, -16.2692



82.2250, 8.7631, -10.7213



83.6390, 7.5730, -2.3144

Triad

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



82.2250, 8.7631, -10.7213



84.8770, -3.3904, 14.1399



81.4030, -4.6357, -6.4924

Complementary

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



82.2250, 8.7631, -10.7213



87.7750, -8.7631, 10.7213

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.



82.6490, -7.7150, 1.1848



82.2250, 8.7631, -10.7213



84.0680, -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.



82.2250, 8.7631, -10.7213



85.3050, 0.8356, 12.0105



83.5790, -8.1734, 8.2622



80.2110, -0.1040, -13.3400

Rectangle

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



82.2250, 8.7631, -10.7213



84.3300, 6.2463, 3.2186



83.5790, -8.1734, 8.2622



81.4850, -5.6621, -3.9333

Sweetspot

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



82.2250, 8.7631, -10.7213



122.8900, 3.5052, -4.2885



89.3200, -2.1298, -16.9436



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.



82.2250, 8.7631, -10.7213



102.4460, 13.5841, -17.0541



73.4200, 13.1039, -2.9993



47.7440, 1.6052, -1.5295



46.5690, 33.7365, -40.8410



98.6150, 70.6888, -86.4854

Inverse Universe

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



80.6800, 2.1298, 16.9436



99.7890, 3.5550, 26.4950



96.5800, -13.1039, 2.9993



47.7230, 0.1366, 2.8739



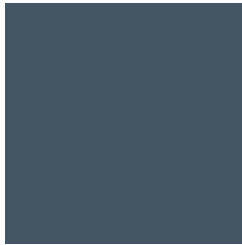
40.8830, 7.9457, 65.0006



86.1520, 17.1801, 136.6787

Previews

White Background



This preview shows how the YUV color 82.2250, 8.7631, -10.7213 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 82.2250, 8.7631, -10.7213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

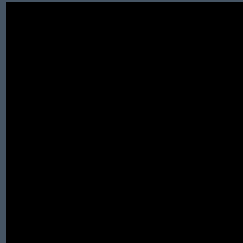
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

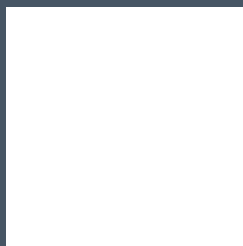
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.2250, 8.7631, -10.7213

Background



This preview shows how black text looks on a background with the YUV color 82.2250, 8.7631, -10.7213.



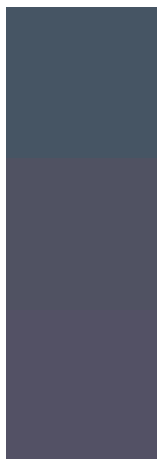
This preview shows how white text looks on a background with the YUV color 82.2250, 8.7631, -10.7213.

-10.7213.

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

82.2250, 8.7631, -10.7213

Protanopia

83.2260, 7.2836, -2.8292

Deuteranopia

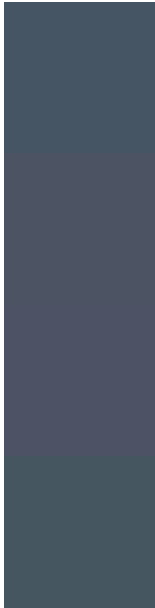
83.8780, 8.4411, -0.7700



Tritanopia

81.4160, 5.7109, -11.7658

Trichromacy



Original Color

82.2250, 8.7631, -10.7213

Protanomaly

82.7310, 8.0206, -5.9031

Deuteranomaly

82.9700, 8.8888, -4.3587

Tritanomaly

82.0570, 6.8739, -11.4510

Monochromacy



Original Color

82.2250, 8.7631, -10.7213

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2250, 8.7631, -10.7213 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(70, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(70, 85, 100)  
}
```

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(70, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 85, 100) }
```

Border

The CSS property to change the border of an element to YUV 82.2250, 8.7631, -10.7213 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(70, 85, 100) }
```


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

```
.border{ border-color:rgb(70, 85, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 85, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(70, 85,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 82.2250, 8.7631, -10.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 85, 100) }
```

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

```
.background{ background-color: rgb(70, 85,  
100) }
```

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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