

Converting Colors

YUV(85.0200, 2.9481, -12.2955)

Have a look what the booklet for
YUV(85.0200, 2.9481, -12.2955)
contains.

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Color

**YUV(85.0200, 2.9481,
-12.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	475B5B
RGB	71, 91, 91
RGB Percent	28%, 36%, 36%
CMY	0.7216, 0.6431, 0.6431
CMYK	0.22, 0.00, 0.00, 0.64
HSL	180°, 12%, 32%
HSV	180°, 22%, 36%
XYZ	8.2279, 9.5771, 11.3124
YIQ	85.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

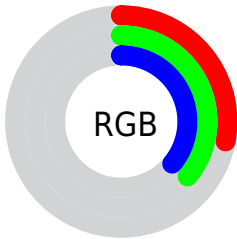
Format	Color
R_{YB}	71, 81, 91
Decimal	4676443
CIE Lab	37.07, -7.58, -2.52
CIE LCh	37, 7.984, 198.381
Yxy	9.5771, 0.2826, 0.3289
Android (android.graphics.Color)	4282866523 (0xFF475B5B)
YUV	85.0200, 2.9481, -12.2955
Hunter-Lab	30.9469, -6.6987, -0.0103

Details

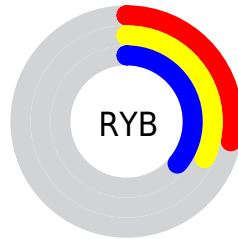
The YUV color **85.0200, 2.9481, -12.2955** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.9800, -2.9481, 12.2955**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7210, 3.0955, -12.9103**, and **39.6180, 2.6533, -11.0660** is the 20% darker color. If you saturate the color by 10%, you get **82.3290, 4.2748, -17.8285**, and if you desaturate by 10%, it is **87.7110, 1.6215, -6.7625**.

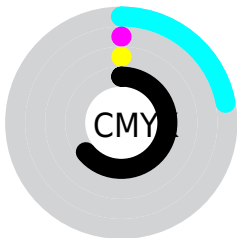
Distribution



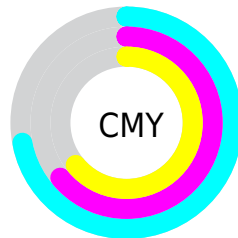
- Red (28%)
- Green (36%)
- Blue (36%)



- Red (28%)
- Yellow (32%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (72%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0200, 2.9481, -12.2955 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 85.0200, 2.9481, -12.2955 by changing the saturation by 10% instead.

■ 85.0200, 2.9481,
-12.2955

■ 85.0200, 2.9481,
-12.2955

■ 255.0000, 0.0000,
0.0000

■ 62.0200, 2.9481,
-12.2955

■ 134.7210, 3.0955,
-12.9103

■ 39.6180, 2.6533,
-11.0660

■ 161.3080, 2.8062,
-13.4251

■ 18.4220, 3.2430,
-13.5251

■ 188.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 216.1230, 3.3904,
-14.1399

■ 244.1230, 3.3904,
-14.1399

■ 85.0200, 2.9481,
-12.2955

■ 85.0200, 2.9481,
-12.2955

■ 82.3290, 4.2748,
-17.8285

■ 87.7110, 1.6215,
-6.7625

■ 79.6380, 5.6015,
-23.3615

■ 90.4020, 0.2948,
-1.2296

■ 76.9470, 6.9281,
-28.8945

■ 93.0930, -1.0318,
4.3034

■ 74.2560, 8.2548,
-34.4275

■ 95.7840, -2.3585,
9.8364

■ 71.2660, 9.7289,
-40.5753

■ 98.7740, -3.8326,
15.9842

■ 68.5750, 11.0555,
-46.1083

■ 101.4650, -5.1592,
21.5172

■ 65.8840, 12.3822,
-51.6413

■ 104.1560, -6.4859,
27.0502

■ 63.7910, 13.4140,

■ 106.8470, -7.8126,

-55.9447

32.5832

■ 109.5380, -9.1392,
38.1162

Harmonies

Analogous

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



85.1190, -0.5517, -9.7514



85.0200, 2.9481, -12.2955



85.4160, 5.7109, -11.7658

Triad

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



85.0200, 2.9481, -12.2955



88.0590, 3.9149, 4.3333



87.4370, -6.1314, 6.6328

Complementary

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



85.0200, 2.9481, -12.2955



76.9800, -2.9481, 12.2955

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.



88.1000, -4.9793, 10.4363



85.0200, 2.9481, -12.2955



88.5820, 0.6991, 9.1366

Square

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



85.0200, 2.9481, -12.2955



87.1830, 5.8258, -1.9145



88.3820, -2.6533, 11.0660



86.5180, -5.6784, 1.2997

Rectangle

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



85.0200, 2.9481, -12.2955



85.9540, 6.4317, -9.6067



88.3820, -2.6533, 11.0660



87.4480, -6.1369, 8.3771

Sweetspot

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



85.0200, 2.9481, -12.2955



114.6080, 1.1793, -4.9182



82.7400, -5.7878, -10.2960



57.5050, 0.7370, -3.0739



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



85.0200, 2.9481, -12.2955



108.0300, 4.4222, -18.4433



79.1500, 5.8421, -7.1475



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Inverse Universe

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



79.2600, 5.7878, 10.2960



99.3900, 8.6817, 15.4440



82.8500, -5.8420, 7.1476



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 85.0200, 2.9481, -12.2955 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 85.0200, 2.9481, -12.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

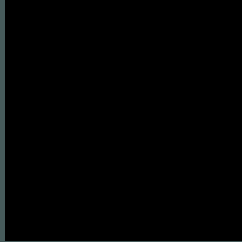
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0200, 2.9481, -12.2955

Background



This preview shows how black text looks on a background with the YUV color 85.0200, 2.9481, -12.2955.



This preview shows how white text looks on a background with the YUV color 85.0200, 2.9481, -12.2955.

-12.2955.

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

85.0200, 2.9481, -12.2955

Protanopia

87.4130, 0.2894, 0.5148

Deuteranopia

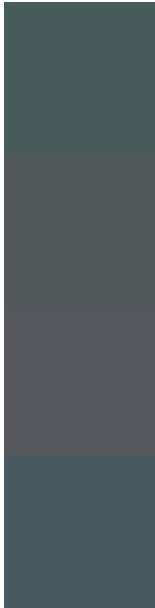
87.6030, 2.1677, 4.7332



Tritanopia

85.4160, 5.7109, -11.7658

Trichromacy



Original Color

85.0200, 2.9481, -12.2955

Protanomaly

86.3200, 1.3212, -3.7886

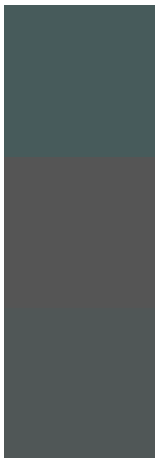
Deuteranomaly

86.9720, 2.4788, -1.7294

Tritanomaly

85.1880, 4.8373, -11.5659

Monochromacy



Original Color

85.0200, 2.9481, -12.2955

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0200, 2.9481, -12.2955 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(71, 91, 91)` looks like.

```
.text, #text, p{  
    color:rgb(71, 91, 91)  
}
```

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(71, 91, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 91, 91) }
```

Border

The CSS property to change the border of an element to YUV 85.0200, 2.9481, -12.2955 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(71, 91, 91) }
```


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

```
.border{ border-color:rgb(71, 91, 91) }
```

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

Here you see how a box with a 4 pixel rgb(71, 91, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 91, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 91, 91);  
box-shadow:4px 4px 4px 4px rgb(71, 91, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.0200, 2.9481, -12.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 91, 91) }
```

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

```
.background{ background-color: rgb(71, 91,  
91) }
```

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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