

Converting Colors

YUV(85.9230, 0.0380, -12.2105)

Have a look what the booklet for
YUV(85.9230, 0.0380, -12.2105)
contains.

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Color

**YUV(85.9230, 0.0380,
-12.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	485D56
RGB	72, 93, 86
RGB Percent	28%, 36%, 34%
CMY	0.7176, 0.6353, 0.6627
CMYK	0.23, 0.00, 0.08, 0.64
HSL	160°, 13%, 32%
HSV	160°, 23%, 36%
XYZ	8.2666, 9.8783, 10.2751
YIQ	85.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

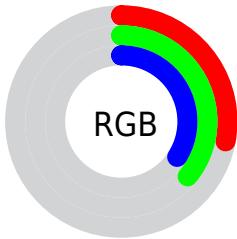
Format	Color
R_{YB}	72, 85, 93
Decimal	4742486
CIE Lab	37.62, -9.60, 1.40
CIE LCh	38, 9.706, 171.716
Yxy	9.8783, 0.2909, 0.3476
Android (android.graphics.Color)	4282932566 (0xFF485D56)
YUV	85.9230, 0.0380, -12.2105
Hunter-Lab	31.4298, -8.0536, 2.6176

Details

The YUV color **85.9230, 0.0380, -12.2105** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79.0770, -0.0380, 12.2105**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6240, 0.1854, -12.8252**, and **40.6350, 0.1799, -11.0809** is the 20% darker color. If you saturate the color by 10%, you get **82.8900, 0.0542, -17.4435**, and if you desaturate by 10%, it is **88.9560, 0.0217, -6.9774**.

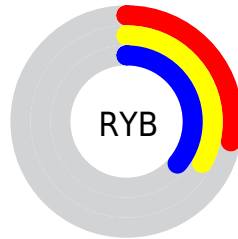
Distribution



Red (28%)

Green (36%)

Blue (34%)



Red (28%)

Yellow (33%)

Blue (36%)

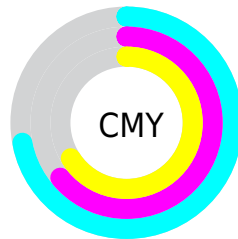


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9230, 0.0380, -12.2105 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 85.9230, 0.0380, -12.2105 by changing the saturation by 10% instead.

■ 85.9230, 0.0380,
-12.2105

■ 85.9230, 0.0380,
-12.2105

■ 255.0000, 0.0000,
0.0000

■ 62.3360, 0.3274,
-11.6957

■ 135.6240, 0.1854,
-12.8252

■ 40.6350, 0.1799,
-11.0809

■ 162.2110, -0.1040,
-13.3400

■ 19.4390, 0.7696,
-13.5400

■ 188.9120, 0.0434,
-13.9548

■ 0.0000, 0.0000,
0.0000

■ 216.9120, 0.0434,
-13.9548

■ 245.4990, -0.2460,
-14.4696

■ 85.9230, 0.0380,
-12.2105

■ 85.9230, 0.0380,
-12.2105

■ 82.8900, 0.0542,
-17.4435

■ 88.9560, 0.0217,
-6.9774

■ 79.5580, 0.2179,
-23.2914

■ 92.2880, -0.1420,
-1.1296

■ 76.5250, 0.2342,
-28.5244

■ 95.3210, -0.1583,
4.1035

■ 73.4920, 0.2504,
-33.7575

■ 98.3540, -0.1745,
9.3365

■ 70.1600, 0.4141,
-39.6053

■ 101.5010, 0.2460,
14.4696

■ 67.0130, -0.0064,
-44.7384

■ 104.8330, 0.0823,
20.3175

■ 63.9800, 0.0099,
-49.9715

■ 107.8660, 0.0661,
25.5505

■ 61.6590, 0.1681,

■ 110.8990, 0.0498,

-54.0749

30.7836

■ 114.2310, -0.1139,
36.6314

Harmonies

Analogous

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



86.9300, -3.9095, -6.0776



85.9230, 0.0380, -12.2105



85.6390, 4.1220, -15.4694

Triad

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



85.9230, 0.0380, -12.2105



88.8240, 6.9888, -1.5996



89.4700, -6.1477, 11.8658

Complementary

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



85.9230, 0.0380, -12.2105



79.0770, -0.0380, 12.2105

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.



89.5780, -3.2430, 13.5251



85.9230, 0.0380, -12.2105



90.0700, 3.9095, 6.0776

Square

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



85.9230, 0.0380, -12.2105



87.7090, 8.0315, -9.3918



89.8920, 0.5462, 11.4957



88.3940, -7.5892, 7.5475

Rectangle

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



85.9230, 0.0380, -12.2105



85.9210, 6.4479, -14.8397



89.8920, 0.5462, 11.4957



89.2960, -5.5689, 12.8954

Sweetspot

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



85.9230, 0.0380, -12.2105



116.9670, 0.0163, -5.2331



86.4200, -7.1091, -6.5073



59.3910, 0.3002, -2.9739



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.



85.9230, 0.0380, -12.2105



108.8790, 0.0597, -19.1879



84.9600, 3.9637, -11.3659



44.2770, -0.1366, -2.8739



72.8920, 0.0532, -63.9263



157.1310, 0.4284, -137.8039

Inverse Universe

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



79.0770, -0.0380, 12.2105



98.1210, -0.0597, 19.1879



80.6270, -4.2531, 10.8511



42.7230, 0.1366, 2.8739



37.1080, -0.0532, 63.9263



79.8690, -0.4284, 137.8039

Previews

White Background



This preview shows how the YUV color 85.9230, 0.0380, -12.2105 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 85.9230, 0.0380, -12.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

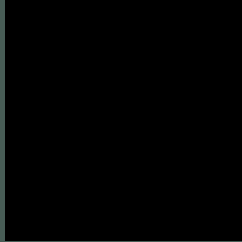
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9230, 0.0380, -12.2105

Background



This preview shows how black text looks on a background with the YUV color 85.9230, 0.0380, -12.2105.



This preview shows how white text looks on a background with the YUV color 85.9230, 0.0380,

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

85.9230, 0.0380, -12.2105

Protanopia

88.3270, -2.6262, 2.3442

Deuteranopia

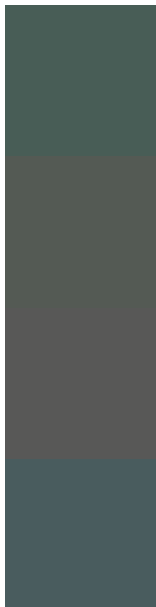
88.9300, -0.4585, 7.0774



Tritanopia

86.7150, 5.5635, -11.1511

Trichromacy



Original Color

85.9230, 0.0380, -12.2105

Protanomaly

87.5220, -1.7363, -3.0888

Deuteranomaly

87.8860, -0.4368, 0.1000

Tritanomaly

86.5470, 3.6743, -11.8807

Monochromacy



Original Color

85.9230, 0.0380, -12.2105

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9230, 0.0380, -12.2105 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(72, 93, 86)` looks like.

```
.text, #text, p{  
    color:rgb(72, 93, 86)  
}
```

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(72, 93, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 93, 86) }
```

Border

The CSS property to change the border of an element to YUV 85.9230, 0.0380, -12.2105 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(72, 93, 86) }
```


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

```
.border{ border-color:rgb(72, 93, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 93, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 93, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 93, 86);  
box-shadow:4px 4px 4px 4px rgb(72, 93, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.9230, 0.0380, -12.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 93, 86) }
```

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

```
.background{ background-color: rgb(72, 93,  
86) }
```

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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