

Converting Colors

YUV(88.8630, 1.0535, -11.2809)

Have a look what the booklet for
YUV(88.8630, 1.0535, -11.2809)
contains.

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Color

**YUV(88.8630, 1.0535,
-11.2809)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4C5F5B |
| RGB | 76, 95, 91 |
| RGB Percent | 30%, 37%, 36% |
| CMY | 0.7020, 0.6275, 0.6431 |
| CMYK | 0.20, 0.00, 0.04, 0.63 |
| HSL | 167°, 11%, 34% |
| HSV | 167°, 20%, 37% |
| XYZ | 8.9610, 10.4762, 11.4474 |
| YIQ | 88.8630, -10.0400, -5.2720 |

Conversions

Conversions Part 2

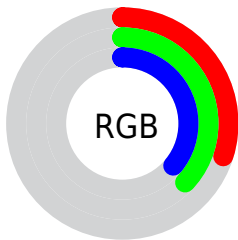
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 76, 87, 95 |
| Decimal | 5005147 |
| CIE Lab | 38.68, -8.14, -0.11 |
| CIE LCh | 39, 8.140, 180.784 |
| Yxy | 10.4762, 0.2901, 0.3392 |
| Android (android.graphics.Color) | 4283195227 (0xFF4C5F5B) |
| YUV | 88.8630, 1.0535, -11.2809 |
| Hunter-Lab | 32.3670, -7.2234, 1.6876 |

Details

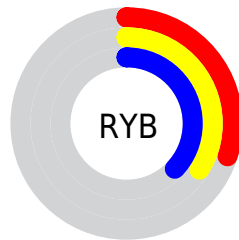
The YUV color **88.8630, 1.0535, -11.2809** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.1370, -1.0535, 11.2809**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5640, 1.2009, -11.8956**, and **43.1620, 0.9061, -10.6661** is the 20% darker color. If you saturate the color by 10%, you get **85.9440, 1.5066, -16.6139**, and if you desaturate by 10%, it is **92.0810, 0.4531, -5.3330**.

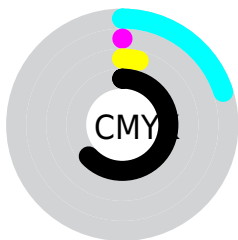
Distribution



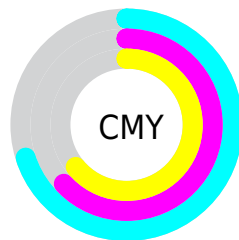
- Red (30%)
- Green (37%)
- Blue (36%)



- Red (30%)
- Yellow (34%)
- Blue (37%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (63%)



- Cyan (70%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8630, 1.0535, -11.2809 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 88.8630, 1.0535, -11.2809 by changing the saturation by 10% instead.

■ 88.8630, 1.0535,
-11.2809

■ 88.8630, 1.0535,
-11.2809

■ 255.0000, 0.0000,
0.0000

■ 65.2760, 1.3429,
-10.7661

■ 138.5640, 1.2009,
-11.8956

■ 43.1620, 0.9061,
-10.6661

■ 165.1510, 0.9116,
-12.4104

■ 22.2760, 1.3429,
-10.7661

■ 192.2650, 1.3484,
-12.5104

■ 0.0000, 0.0000,
0.0000

■ 220.2650, 1.3484,
-12.5104

■ 248.2650, 1.3484,
-12.5104

■ 88.8630, 1.0535,
-11.2809

■ 88.8630, 1.0535,
-11.2809

■ 85.9440, 1.5066,
-16.6139

■ 92.0810, 0.4531,
-5.3330

■ 82.7260, 2.1071,
-22.5617

■ 95.0000, 0.0000,
0.0000

■ 79.8070, 2.5601,
-27.8947

■ 98.2180, -0.6005,
5.9478

■ 76.5890, 3.1606,
-33.8426

■ 101.1370, -1.0535,
11.2809

■ 73.6700, 3.6137,
-39.1756

■ 104.3550, -1.6540,
17.2287

■ 70.4520, 4.2142,
-45.1234

■ 107.2740, -2.1071,
22.5617

■ 67.2340, 4.8146,
-51.0712

■ 110.4920, -2.7076,
28.5095

■ 64.3150, 5.2677,

■ 113.4110, -3.1606,

-56.4043

33.8426

■ 116.6290, -3.7611,
39.7904

Harmonies

Analogous

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



89.2720, -2.5991, -6.3775



88.8630, 1.0535, -11.2809



89.0630, 4.4059, -13.2103

Triad

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



88.8630, 1.0535, -11.2809



91.6780, 5.0887, 1.1594



91.8610, -5.8475, 8.8919

Complementary

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



88.8630, 1.0535, -11.2809



82.1370, -1.0535, 11.2809

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.



92.1540, -3.5269, 11.2659



88.8630, 1.0535, -11.2809



92.1410, 2.8885, 6.8923

Square

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



88.8630, 1.0535, -11.2809



90.9760, 6.4208, -6.1180



92.5390, -0.7587, 10.0513



91.0130, -6.4154, 4.3736

Rectangle

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



88.8630, 1.0535, -11.2809



89.4160, 5.7109, -11.7658



92.5390, -0.7587, 10.0513



91.9860, -5.4161, 10.5363

Sweetspot

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



88.8630, 1.0535, -11.2809



119.7930, 0.5951, -4.2035



88.3490, -6.0881, -7.3221



59.6900, 0.1528, -2.3591



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.



88.8630, 1.0535, -11.2809



112.6450, 1.6540, -17.2287



86.3840, 4.2477, -9.1068



46.6900, 0.1528, -2.3591



75.8900, 6.4632, -66.5555



162.4260, 13.1010, -142.4476

Inverse Universe

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



82.1370, -1.0535, 11.2809



102.3550, -1.6540, 17.2287



84.6160, -4.2477, 9.1068



45.3100, -0.1528, 2.3591



36.2240, -6.0264, 66.4556



77.4600, -13.5378, 142.5476

Previews

White Background



This preview shows how the YUV color 88.8630, 1.0535, -11.2809 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 × Fail

Black Background



This preview shows how the YUV color 88.8630, 1.0535, -11.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

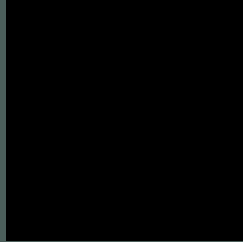
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

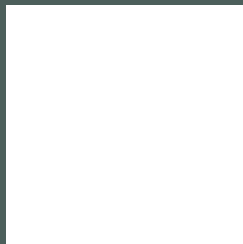
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.8630, 1.0535, -11.2809

Background



This preview shows how black text looks on a background with the YUV color 88.8630, 1.0535, -11.2809.



This preview shows how white text looks on a background with the YUV color 88.8630, 1.0535, -11.2809.

-11.2809.

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

88.8630, 1.0535, -11.2809

Protanopia

90.6690, -1.3158, 2.0443

Deuteranopia

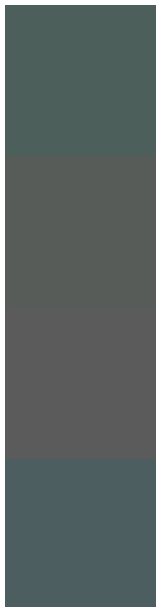
91.7450, 0.1257, 6.3626



Tritanopia

89.4270, 5.7055, -10.0215

Trichromacy



Original Color

88.8630, 1.0535, -11.2809

Protanomaly

90.1630, -0.5734, -2.7740

Deuteranomaly

91.1140, 0.4368, -0.1000

Tritanomaly

89.2590, 3.8163, -10.7511

Monochromacy



Original Color

88.8630, 1.0535, -11.2809

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7930, 0.5951, -4.2035

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8630, 1.0535, -11.2809 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(76, 95, 91)` looks like.

```
.text, #text, p{  
    color:rgb(76, 95, 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(76, 95, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 95, 91) }
```

Border

The CSS property to change the border of an element to YUV 88.8630, 1.0535, -11.2809 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(76, 95, 91) }
```


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

```
.border{ border-color:rgb(76, 95, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 95, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 95, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 95, 91);  
box-shadow:4px 4px 4px 4px rgb(76, 95, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.8630, 1.0535, -11.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 95, 91) }
```

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

```
.background{ background-color: rgb(76, 95,  
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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