

Converting Colors

YUV(87.6570, -16.5929, 2.0548)

Have a look what the booklet for
YUV(87.6570, -16.5929, 2.0548)
contains.

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Color

**YUV(87.6570, -16.5929,
2.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5D36
RGB	90, 93, 54
RGB Percent	35%, 36%, 21%
CMY	0.6471, 0.6353, 0.7882
CMYK	0.03, 0.00, 0.42, 0.64
HSL	65°, 27%, 29%
HSV	65°, 42%, 36%
XYZ	8.7967, 10.2687, 5.0085
YIQ	87.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

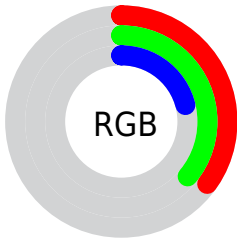
Format	Color
RYB	54, 93, 57
Decimal	5922102
CIELab	38.32, -7.97, 22.00
CIElCh	38, 23.396, 109.923
Yxy	10.2687, 0.3654, 0.4266
Android (android.graphics.Color)	4284112182 (0xFF5A5D36)
YUV	87.6570, -16.5929, 2.0548
Hunter-Lab	32.0448, -7.0782, 13.1646

Details

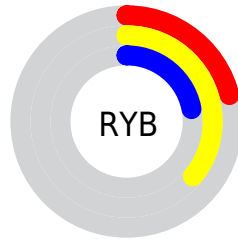
The YUV color **87.6570, -16.5929, 2.0548** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.3430, 16.5929, -2.0548**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6140, -18.0507, 2.9695**, and **41.5860, -15.5719, 1.2401** is the 20% darker color. If you saturate the color by 10%, you get **86.3320, -20.3767, 2.3398**, and if you desaturate by 10%, it is **88.9820, -12.8091, 1.7698**.

Distribution



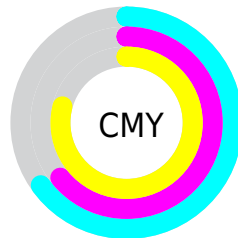
- Red (35%)
- Green (36%)
- Blue (21%)



- Red (21%)
- Yellow (36%)
- Blue (22%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (64%)



- Cyan (65%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6570, -16.5929, 2.0548 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 87.6570, -16.5929, 2.0548 by changing the saturation by 10% instead.

87.6570, -16.5929,
2.0548

87.6570, -16.5929,
2.0548

255.0000, 0.0000,
0.0000

63.8850, -15.7193,
1.8549

137.6140,
-18.0507, 2.9695

41.5860, -15.5719,
1.2401

164.2010,
-18.3401, 2.4547

22.4270, -11.0565,
-0.3745

191.3860,
-18.9243, 3.1695

0.0000, 0.0000,
0.0000

219.2720,
-19.3611, 3.2695

247.4570,
-19.9453, 3.9842

252.8340, -8.2992,

1.8996

■ 87.6570, -16.5929,
2.0548

■ 87.6570, -16.5929,
2.0548

■ 86.3320, -20.3767,
2.3398

■ 88.9820, -12.8091,
1.7698

■ 85.1920, -24.7447,
3.3396

■ 90.1220, -8.4411,
0.7700

■ 83.8670, -28.5284,
3.6246

■ 91.4470, -4.6574,
0.4850

■ 82.5420, -32.3122,
3.9097

■ 92.7720, -0.8736,
0.2000

■ 81.1030, -36.5328,
4.2947

■ 94.2110, 3.3470,
-0.1850

■ 80.3050, -39.5904,
4.9945

■ 95.2370, 7.2782,
-1.0848

■ 96.5620, 11.0619,
-1.3699

■ 97.8870, 14.8457,
-1.6549

■ 99.0270, 19.2137,
-2.6547

Harmonies

Analogous

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



89.4030, -17.9467, 16.3096



87.6570, -16.5929, 2.0548



85.2680, -9.9921, -15.1440

Triad

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



87.6570, -16.5929, 2.0548



77.0720, 20.6705, -50.0521



92.4470, 2.2446, 26.7950

Complementary

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



87.6570, -16.5929, 2.0548



59.3430, 16.5929, -2.0548

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.



92.9490, 10.8711, 13.1997



87.6570, -16.5929, 2.0548



85.2040, 20.6054, -29.1199

Square

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



87.6570, -16.5929, 2.0548



75.7100, 12.9610, -50.6117



90.8370, 17.3354, -6.8730



91.4770, -6.6442, 31.1537

Rectangle

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



87.6570, -16.5929, 2.0548



82.4390, -2.6814, -26.6950



90.8370, 17.3354, -6.8730



92.6360, 5.6025, 23.1212

Sweetspot

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



87.6570, -16.5929, 2.0548



117.8770, -6.8414, 0.9849



67.4220, -6.6170, 22.4319



59.5610, -4.2206, 0.3850



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.



87.6570, -16.5929, 2.0548



111.6650, -25.4708, 2.9248



81.9760, -13.7922, -9.6260



45.4300, -2.1840, 0.4999



94.7690, -46.7211, 5.4646



204.6000, -100.8678, 12.6288

Inverse Universe

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



59.3430, 16.5929, -2.0548



68.3350, 25.4708, -2.9248



65.0240, 13.7922, 9.6260



41.8690, 2.0366, 0.1149



14.9320, 46.8685, -6.0794



32.4000, 100.8678, -12.6288

Previews

White Background



This preview shows how the YUV color 87.6570, -16.5929, 2.0548 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 87.6570, -16.5929, 2.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

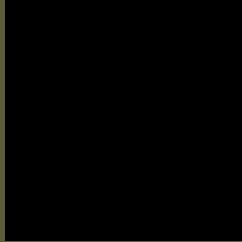
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.6570, -16.5929, 2.0548

Background



This preview shows how black text looks on a background with the YUV color 87.6570, -16.5929, 2.0548.



This preview shows how white text looks on a background with the YUV color 87.6570, -16.5929,

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

87.6570, -16.5929, 2.0548

Protanopia

88.4730, -17.4882, 9.2322

Deuteranopia

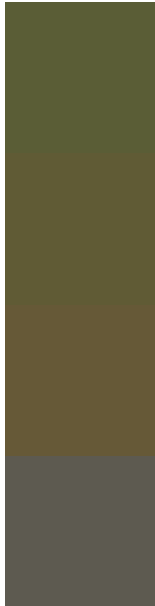
89.4570, -16.4943, 17.1392



Tritanopia

90.8910, 2.0257, 3.6036

Trichromacy



Original Color

87.6570, -16.5929, 2.0548

Protanomaly

88.1630, -17.3354, 6.8730

Deuteranomaly

89.0110, -16.7674, 11.3914

Tritanomaly

89.7570, -4.8102, 2.8441

Monochromacy



Original Color

87.6570, -16.5929, 2.0548

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1050, -5.9678, 0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6570, -16.5929, 2.0548 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(90, 93, 54)` looks like.

```
.text, #text, p{  
    color:rgb(90, 93, 54)  
}
```

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(90, 93, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 93, 54) }
```

Border

The CSS property to change the border of an element to YUV 87.6570, -16.5929, 2.0548 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(90, 93, 54) }
```


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

```
.border{ border-color:rgb(90, 93, 54) }
```

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

Here you see how a box with a 4 pixel rgb(90, 93, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 93, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 93, 54);  
box-shadow:4px 4px 4px 4px rgb(90, 93, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.6570, -16.5929, 2.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 93, 54) }
```

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

```
.background{ background-color: rgb(90, 93,  
54) }
```

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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