

Converting Colors

YUV(86.7950, -5.8149, -1.5742)

Have a look what the booklet for
YUV(86.7950, -5.8149, -1.5742)
contains.

YUV(86.7950, -5.8149, -1.5742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.7950, -5.8149,
-1.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	555A4B
RGB	85, 90, 75
RGB Percent	33%, 35%, 29%
CMY	0.6667, 0.6471, 0.7059
CMYK	0.06, 0.00, 0.17, 0.65
HSL	80°, 9%, 32%
HSV	80°, 17%, 35%
XYZ	8.6725, 9.7516, 8.0818
YIQ	86.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

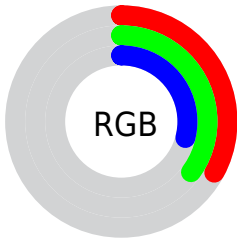
Format	Color
R_{YB}	75, 90, 80
Decimal	5593675
CIE Lab	37.39, -5.04, 8.01
CIE LCh	37, 9.462, 122.214
Yxy	9.7516, 0.3272, 0.3679
Android (android.graphics.Color)	4283783755 (0xFF555A4B)
YUV	86.7950, -5.8149, -1.5742
Hunter-Lab	31.2276, -5.0755, 6.5149

Details

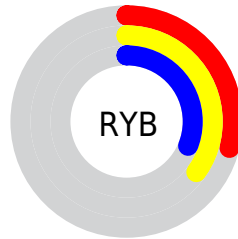
The YUV color **86.7950, -5.8149, -1.5742** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78.2050, 5.8149, 1.5742**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6810, -6.2517, -1.4742**, and **41.3220, -5.0887, -1.1594** is the 20% darker color. If you saturate the color by 10%, you get **84.8720, -9.3039, -2.5187**, and if you desaturate by 10%, it is **88.7180, -2.3260, -0.6297**.

Distribution



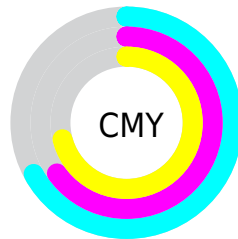
- Red (33%)
- Green (35%)
- Blue (29%)



- Red (29%)
- Yellow (35%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (65%)



- Cyan (67%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7950, -5.8149, -1.5742 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 86.7950, -5.8149, -1.5742 by changing the saturation by 10% instead.

■ 86.7950, -5.8149,
-1.5742

■ 86.7950, -5.8149,
-1.5742

255.0000, 0.0000,
0.0000

■ 63.7950, -5.8149,
-1.5742

■ 136.6810, -6.2517,
-1.4742

■ 41.3220, -5.0887,
-1.1594

■ 162.6810, -6.2517,
-1.4742

■ 20.8660, -6.8359,
-0.7595

■ 190.1540, -6.9779,
-1.8891

■ 0.0000, 0.0000,
0.0000

■ 217.5670, -6.6885,
-1.3743

■ 246.1540, -6.9779,
-1.8891

■ 86.7950, -5.8149,
-1.5742

■ 86.7950, -5.8149,
-1.5742

■ 84.8720, -9.3039,
-2.5187

■ 88.7180, -2.3260,
-0.6297

■ 82.9490, -12.7929,
-3.4633

■ 90.6410, 1.1630,
0.3148

■ 81.0260, -16.2818,
-4.4078

■ 92.5640, 4.6519,
1.2594

■ 79.1030, -19.7708,
-5.3523

■ 94.4870, 8.1409,
2.2039

■ 77.1800, -23.2597,
-6.2969

■ 96.4100, 11.6299,
3.1484

■ 75.2570, -26.7487,
-7.2414

■ 98.3330, 15.1188,
4.0930

■ 73.3340, -30.2377,
-8.1859

■ 100.2560, 18.6078,
5.0375

■ 71.4110, -33.7266,

■ 102.1790, 22.0968,

-9.1304

5.9820

■ 70.7700, -34.8896,
-9.4453

■ 104.1020, 25.5857,
6.9265

Harmonies

Analogous

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



88.0840, -7.4364, 5.1883



86.7950, -5.8149, -1.5742



85.9620, -2.4463, -8.7367

Triad

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



86.7950, -5.8149, -1.5742



86.4590, 7.1687, -12.6805



89.5500, -0.7641, 11.7957

Complementary

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



86.7950, -5.8149, -1.5742



78.2050, 5.8149, 1.5742

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.



89.7390, 2.5937, 8.1219



86.7950, -5.8149, -1.5742



87.3180, 7.7312, -6.4179

Square

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



86.7950, -5.8149, -1.5742



85.2800, 5.2850, -15.1546



88.9060, 5.9623, 0.9594



88.9370, -4.4059, 13.2103

Rectangle

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



86.7950, -5.8149, -1.5742



85.3360, 0.3274, -11.6957



88.9060, 5.9623, 0.9594



89.4790, 0.2569, 10.9809

Sweetspot

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



86.7950, -5.8149, -1.5742



115.7180, -2.3260, -0.6297



82.4200, -3.6581, 6.6477



57.9460, -1.4524, -0.8296



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.



86.7950, -5.8149, -1.5742



111.9860, -8.8671, -2.6187



84.7020, -4.7831, -5.8777



44.8320, -1.8892, -0.7297



86.3970, -42.5937, -11.7492



186.3610, -91.8760, -24.8726

Inverse Universe

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



78.2050, 5.8149, 1.5742



99.0140, 8.8671, 2.6187



80.5970, 4.6357, 6.4924



42.1680, 1.8892, 0.7297



23.6030, 42.5937, 11.7492



50.6390, 91.8760, 24.8726

Previews

White Background



This preview shows how the YUV color 86.7950, -5.8149, -1.5742 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 86.7950, -5.8149, -1.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

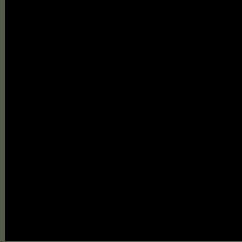
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7950, -5.8149, -1.5742

Background



This preview shows how black text looks on a background with the YUV color 86.7950, -5.8149, -1.5742.



This preview shows how white text looks on a background with the YUV color 86.7950, -5.8149,

-1.5742.

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

86.7950, -5.8149, -1.5742

Protanopia

87.8990, -6.8522, 4.4736

Deuteranopia

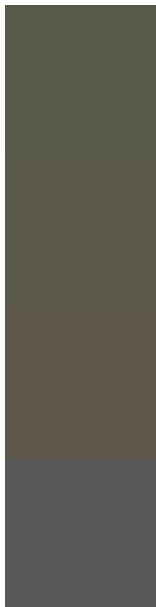
88.7580, -6.2897, 10.7362



Tritanopia

88.0970, 2.9102, -0.0851

Trichromacy



Original Color

86.7950, -5.8149, -1.5742

Protanomaly

87.5890, -6.6994, 2.1144

Deuteranomaly

88.1380, -5.9840, 6.0180

Tritanomaly

87.5870, -0.2894, -0.5148

Monochromacy



Original Color

86.7950, -5.8149, -1.5742

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7950, -5.8149, -1.5742 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(85, 90, 75)` looks like.

```
.text, #text, p{  
  color:rgb(85, 90, 75)  
}
```

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(85, 90, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 90, 75) }
```

Border

The CSS property to change the border of an element to YUV 86.7950, -5.8149, -1.5742 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(85, 90, 75) }
```


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

```
.border{ border-color:rgb(85, 90, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 90, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 90, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 90, 75);  
box-shadow:4px 4px 4px 4px rgb(85, 90, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.7950, -5.8149, -1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 90, 75) }
```

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

```
.background{ background-color: rgb(85, 90,  
75) }
```

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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