

Converting Colors

YUV(86.6910, -1.3267, 5.5330)

Have a look what the booklet for
YUV(86.6910, -1.3267, 5.5330)
contains.

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Color

**YUV(86.6910, -1.3267,
5.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5454
RGB	93, 84, 84
RGB Percent	36%, 33%, 33%
CMY	0.6353, 0.6706, 0.6706
CMYK	0.00, 0.10, 0.10, 0.64
HSL	0°, 5%, 35%
HSV	0°, 10%, 36%
XYZ	9.2848, 9.3079, 9.6947
YIQ	86.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

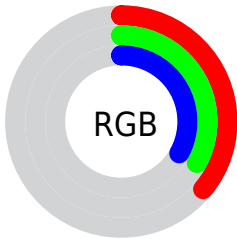
Format	Color
RYB	93, 84, 84
Decimal	6116436
CIELab	36.57, 3.68, 1.33
CIElCh	37, 3.912, 19.893
Yxy	9.3079, 0.3282, 0.3290
Android (android.graphics.Color)	4284306516 (0xFF5D5454)
YUV	86.6910, -1.3267, 5.5330
Hunter-Lab	30.5088, 0.9324, 2.5157

Details

The YUV color **86.6910, -1.3267, 5.5330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.3090, 1.3267, -5.5330**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5770, -1.7635, 5.6330**, and **41.3920, -1.1793, 4.9182** is the 20% darker color. If you saturate the color by 10%, you get **80.3820, -2.6533, 11.0660**, and if you desaturate by 10%, it is **93.0000, 0.0000, 0.0000**.

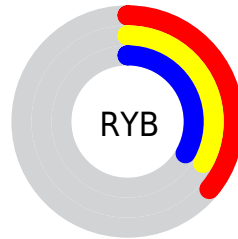
Distribution



 Red (36%)

 Green (33%)

 Blue (33%)



 Red (36%)

 Yellow (33%)

 Blue (33%)

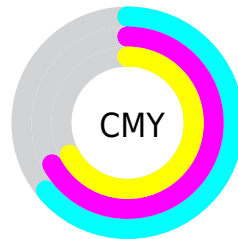



 Cyan (0%)


 Magenta (10%)

 Yellow (10%)

 Black (64%)



 Cyan (64%)

 Magenta (67%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6910, -1.3267, 5.5330 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 86.6910, -1.3267, 5.5330 by changing the saturation by 10% instead.

■ 86.6910, -1.3267,
5.5330

■ 86.6910, -1.3267,
5.5330

■ 255.0000, 0.0000,
0.0000

■ 63.3920, -1.1793,
4.9182

■ 136.5770, -1.7635,
5.6330

■ 41.3920, -1.1793,
4.9182

■ 162.9900, -1.4741,
6.1478

■ 21.3920, -1.1793,
4.9182

■ 189.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,
0.0000

■ 217.2890, -1.6215,
6.7625

■ 246.2890, -1.6215,
6.7625

■ 86.6910, -1.3267,
5.5330

■ 86.6910, -1.3267,
5.5330

■ 80.3820, -2.6533,
11.0660

■ 93.0000, 0.0000,
0.0000

■ 73.3720, -4.1274,
17.2138

■ 100.0100, 1.4741,
-6.1478

■ 67.0630, -5.4541,
22.7467

■ 106.3190, 2.8007,
-11.6808

■ 60.7540, -6.7807,
28.2797

■ 112.6280, 4.1274,
-17.2138

■ 54.4450, -8.1074,
33.8127

■ 119.6380, 5.6015,
-23.3615

■ 47.4350, -9.5815,
39.9605

■ 125.9470, 6.9281,
-28.8945

■ 41.1260, -10.9081,
45.4935

■ 132.2560, 8.2548,
-34.4275

■ 34.8170, -12.2348,

■ 138.5650, 9.5815,

51.0265

-39.9605

■ 27.8070, -13.7089,
57.1743

■ 145.5750, 11.0555,
-46.1083

Harmonies

Analogous

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



86.7340, 0.1311, 4.6183



86.6910, -1.3267, 5.5330



86.6370, -2.7790, 4.7034

Triad

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



86.6910, -1.3267, 5.5330



85.2340, -1.5944, -1.9592



86.0750, 2.9210, -3.5738

Complementary

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



86.6910, -1.3267, 5.5330



90.3090, 1.3267, -5.5330

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.



85.0640, 2.9264, -5.3181



86.6910, -1.3267, 5.5330



85.2660, -0.1311, -4.6183

Square

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



86.6910, -1.3267, 5.5330



85.3160, -2.6208, 0.5999



85.0100, 1.4741, -6.1478



86.3850, 2.7682, -1.2146

Rectangle

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



86.6910, -1.3267, 5.5330



86.2240, -3.0684, 4.1886



85.0100, 1.4741, -6.1478



85.7760, 3.0684, -4.1886

Sweetspot

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



86.6910, -1.3267, 5.5330



117.1960, -0.5896, 2.4591



87.7170, 2.6045, 4.6332



59.5980, -0.2948, 1.2296



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.



86.6910, -1.3267, 5.5330



109.4850, -2.2111, 9.2217



89.6260, -2.7736, 2.9590



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021

Inverse Universe

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



90.3090, 1.3267, -5.5330



115.5150, 2.2111, -9.2217



87.9610, 2.4842, -3.4738



44.5050, 0.7370, -3.0739



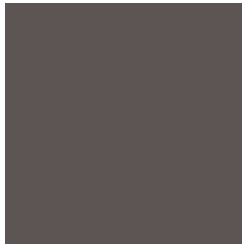
77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Previews

White Background



This preview shows how the YUV color 86.6910, -1.3267, 5.5330 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 86.6910, -1.3267, 5.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

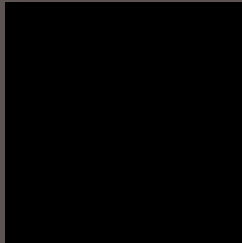
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6910, -1.3267, 5.5330

Background



This preview shows how black text looks on a background with the YUV color 86.6910, -1.3267, 5.5330.

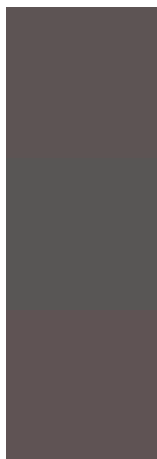


This preview shows how white text looks on a background with the YUV color 86.6910, -1.3267,

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

86.6910, -1.3267, 5.5330

Protanopia

86.4840, -0.7316, 1.3295

Deuteranopia

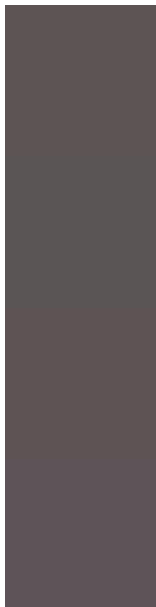
86.7020, -1.3321, 7.2773



Tritanopia

87.0870, 1.4361, 6.0627

Trichromacy



Original Color

86.6910, -1.3267, 5.5330

Protanomaly

86.4950, -0.7370, 3.0739

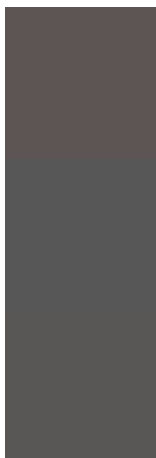
Deuteranomaly

86.4030, -1.1847, 6.6626

Tritanomaly

86.8590, 0.5625, 6.2627

Monochromacy



Original Color

86.6910, -1.3267, 5.5330

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6910, -1.3267, 5.5330 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(93, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(93, 84, 84)  
}
```

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(93, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 84, 84) }
```

Border

The CSS property to change the border of an element to YUV 86.6910, -1.3267, 5.5330 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(93, 84, 84) }
```


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

```
.border{ border-color:rgb(93, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(93, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(93, 84, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.6910, -1.3267, 5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 84, 84) }
```

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

```
.background{ background-color: rgb(93, 84,  
84) }
```

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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