

Converting Colors

YUV(86.3730, -9.0579, 11.9509)

Have a look what the booklet for
YUV(86.3730, -9.0579, 11.9509)
contains.

YUV(86.3730, -9.0579, 11.9509)	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(86.3730, -9.0579,
11.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	645344
RGB	100, 83, 68
RGB Percent	39%, 33%, 27%
CMY	0.6078, 0.6745, 0.7333
CMYK	0.00, 0.17, 0.32, 0.61
HSL	28°, 19%, 33%
HSV	28°, 32%, 39%
XYZ	9.3922, 9.3132, 6.7714
YIQ	86.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

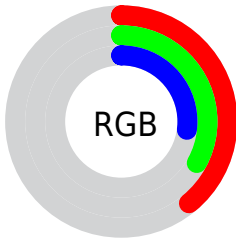
Format	Color
R_{YB}	100, 96, 68
Decimal	6574916
CIE Lab	36.58, 4.52, 11.42
CIE LCh	37, 12.279, 68.401
Yxy	9.3132, 0.3687, 0.3656
Android (android.graphics.Color)	4284764996 (0xFF645344)
YUV	86.3730, -9.0579, 11.9509
Hunter-Lab	30.5175, 1.5301, 8.2066

Details

The YUV color **86.3730, -9.0579, 11.9509** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.6270, 9.0579, -11.9509**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8570, -9.7895, 13.2804**, and **40.7040, -7.7421, 9.9066** is the 20% darker color. If you saturate the color by 10%, you get **82.2980, -11.9789, 15.5247**, and if you desaturate by 10%, it is **90.4480, -6.1369, 8.3771**.

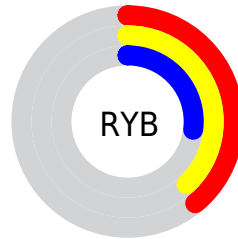
Distribution




 Red (39%)

 Green (33%)

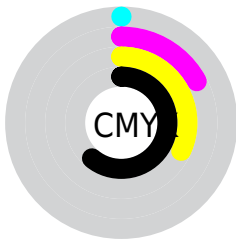
 Blue (27%)



 Red (39%)

 Yellow (38%)

 Blue (27%)

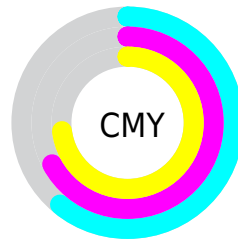


 Cyan (0%)

 Magenta (17%)

 Yellow (32%)

 Black (61%)



 Cyan (61%)

 Magenta (67%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.3730, -9.0579, 11.9509 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 86.3730, -9.0579, 11.9509 by changing the saturation by 10% instead.

■ 86.3730, -9.0579,
11.9509

■ 86.3730, -9.0579,
11.9509

255.0000, 0.0000,
0.0000

■ 63.1880, -8.4737,
11.2361

■ 135.8570, -9.7895,
13.2804

■ 40.7040, -7.7421,
9.9066

■ 162.7430,
-10.2263, 13.3804

■ 20.1340, -9.9261,
10.4065

■ 189.3410,
-10.5211, 14.6099

■ 0.0000, 0.0000,
0.0000

■ 217.2270,
-10.9579, 14.7099

■ 243.1340, -9.9261,
10.4065

254.6580, -1.3104,

0.2999

■ 86.3730, -9.0579,
11.9509

■ 86.3730, -9.0579,
11.9509

■ 82.2980, -11.9789,
15.5247

■ 90.4480, -6.1369,
8.3771

■ 77.6360, -14.6105,
19.6132

■ 95.1100, -3.5052,
4.2885

■ 73.5610, -17.5316,
23.1870

■ 99.1850, -0.5842,
0.7148

■ 69.4860, -20.4526,
26.7608

■ 103.2600, 2.3368,
-2.8590

■ 64.8240, -23.0842,
30.8494

■ 107.9220, 4.9685,
-6.9476

■ 60.7490, -26.0053,
34.4231

■ 111.9970, 7.8895,
-10.5214

■ 57.4890, -28.3421,
37.2821

■ 116.0720, 10.8105,
-14.0951

■ 120.7340, 13.4421,
-18.1837

■ 124.8090, 16.3632,
-21.7575

Harmonies

Analogous

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



87.0900, -6.4534, 16.5841



86.3730, -9.0579, 11.9509



85.3290, -9.0362, 4.9735

Triad

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



86.3730, -9.0579, 11.9509



82.3890, 3.2592, -18.7582



87.5580, 7.1199, 3.0186

Complementary

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



86.3730, -9.0579, 11.9509



81.6270, 9.0579, -11.9509

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.



85.7740, 9.4784, -6.8178



86.3730, -9.0579, 11.9509



82.2300, 7.7746, -20.3727

Square

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



86.3730, -9.0579, 11.9509



82.9400, -2.4354, -12.2254



83.8330, 9.9423, -15.6395



87.8750, 3.0196, 11.5106

Rectangle

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



86.3730, -9.0579, 11.9509



84.3390, -7.5621, -1.1743



83.8330, 9.9423, -15.6395



87.0630, 7.8569, -0.0553

Sweetspot

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



86.3730, -9.0579, 11.9509



124.4090, -3.6526, 4.9033



79.5060, 2.7085, 17.9732



62.7400, -2.3368, 2.8590



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3730, -9.0579, 11.9509



109.1520, -13.8789, 18.2837



95.7650, -13.6881, 3.7141



48.6690, -1.3158, 2.0443



66.0830, -32.5789, 42.9002



139.2760, -68.6631, 90.0889

Inverse Universe

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



81.6270, 9.0579, -11.9509



101.8480, 13.8789, -18.2837



72.2350, 13.6881, -3.7141



48.3310, 1.3158, -2.0443



48.9170, 32.5789, -42.9002



103.3110, 68.3737, -90.6037

Previews

White Background



This preview shows how the YUV color 86.3730, -9.0579, 11.9509 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 86.3730, -9.0579, 11.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

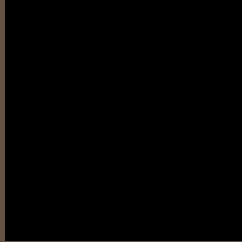
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3730, -9.0579, 11.9509

Background



This preview shows how black text looks on a background with the YUV color 86.3730, -9.0579, 11.9509.



This preview shows how white text looks on a background with the YUV color 86.3730, -9.0579,

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

86.3730, -9.0579, 11.9509

Protanopia

85.5570, -8.1626, 4.7735

Deuteranopia

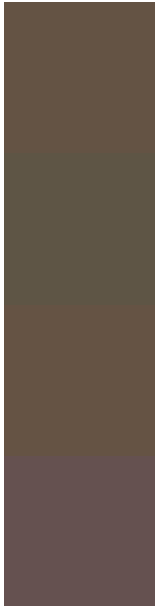
86.6720, -9.2053, 12.5657



Tritanopia

87.3760, -0.1854, 12.8252

Trichromacy



Original Color

86.3730, -9.0579, 11.9509

Protanomaly

85.8670, -8.3154, 7.1326

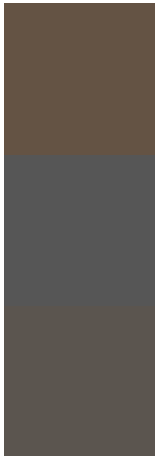
Deuteranomaly

86.6720, -9.2053, 12.5657

Tritanomaly

86.8660, -3.3849, 12.3955

Monochromacy



Original Color

86.3730, -9.0579, 11.9509

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1100, -3.5052, 4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3730, -9.0579, 11.9509 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(100, 83, 68)` looks like.

```
.text, #text, p{  
    color:rgb(100, 83, 68)  
}
```

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(100, 83, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 83, 68) }
```

Border

The CSS property to change the border of an element to YUV 86.3730, -9.0579, 11.9509 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(100, 83, 68) }
```


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

```
.border{ border-color:rgb(100, 83, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 83, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 83, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 83, 68);  
box-shadow:4px 4px 4px 4px rgb(100, 83,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 86.3730, -9.0579, 11.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 83, 68) }
```

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

```
.background{ background-color: rgb(100, 83,  
68) }
```

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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