

Converting Colors

YUV(84.0740, -8.9105, 11.3361)

Have a look what the booklet for
YUV(84.0740, -8.9105, 11.3361)
contains.

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Color

**YUV(84.0740, -8.9105,
11.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	615142
RGB	97, 81, 66
RGB Percent	38%, 32%, 26%
CMY	0.6196, 0.6824, 0.7412
CMYK	0.00, 0.16, 0.32, 0.62
HSL	29°, 19%, 32%
HSV	29°, 32%, 38%
XYZ	8.8556, 8.8196, 6.3899
YIQ	84.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

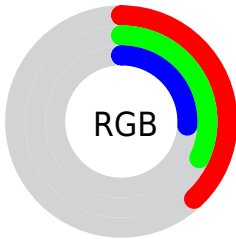
Format	Color
RYB	97, 95, 66
Decimal	6377794
CIELab	35.63, 4.11, 11.30
CIElCh	36, 12.027, 70.028
Yxy	8.8196, 0.3680, 0.3665
Android (android.graphics.Color)	4284567874 (0xFF615142)
YUV	84.0740, -8.9105, 11.3361
Hunter-Lab	29.6978, 1.2556, 8.0314

Details

The YUV color **84.0740, -8.9105, 11.3361** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **78.9260, 8.9105, -11.3361**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5580, -9.6421, 12.6656**, and **39.2910, -8.0315, 9.3918** is the 20% darker color. If you saturate the color by 10%, you get **79.9990, -11.8315, 14.9099**, and if you desaturate by 10%, it is **88.1490, -5.9895, 7.7623**.

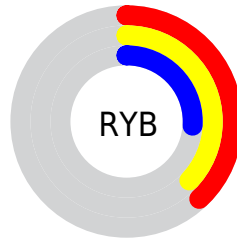
Distribution



 Red (38%)

 Green (32%)

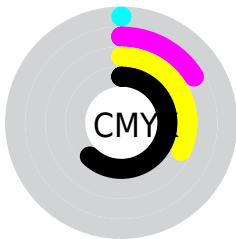
 Blue (26%)



 Red (38%)

 Yellow (37%)

 Blue (26%)

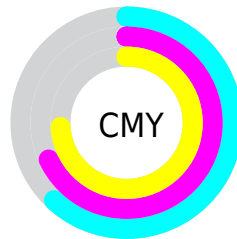


 Cyan (0%)

 Magenta (16%)

 Yellow (32%)

 Black (62%)



 Cyan (62%)

 Magenta (68%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0740, -8.9105, 11.3361 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 84.0740, -8.9105, 11.3361 by changing the saturation by 10% instead.

■ 84.0740, -8.9105,
11.3361

■ 84.0740, -8.9105,
11.3361

■ 255.0000, 0.0000,
0.0000

■ 60.8890, -8.3263,
10.6213

■ 133.5580, -9.6421,
12.6656

■ 39.2910, -8.0315,
9.3918

■ 159.7430,
-10.2263, 13.3804

■ 18.3620, -9.0525,
10.2065

■ 187.0420,
-10.3737, 13.9952

■ 0.0000, 0.0000,
0.0000

■ 214.9280,
-10.8105, 14.0951

■ 241.7320,
-10.2209, 11.6360

■ 254.3160, -2.6208,

0.5999

■ 84.0740, -8.9105,
11.3361

■ 84.0740, -8.9105,
11.3361

■ 79.9990, -11.8315,
14.9099

■ 88.1490, -5.9895,
7.7623

■ 76.0380, -14.3157,
18.3837

■ 92.1100, -3.5052,
4.2885

■ 71.9630, -17.2368,
21.9574

■ 96.1850, -0.5842,
0.7148

■ 67.8880, -20.1578,
25.5312

■ 100.2600, 2.3368,
-2.8590

■ 63.9270, -22.6420,
29.0050

■ 104.3350, 5.2578,
-6.4328

■ 59.8520, -25.5630,
32.5788

■ 108.2960, 7.7421,
-9.9066

■ 56.5920, -27.8999,
35.4378

■ 112.3710, 10.6631,
-13.4804

■ 116.4460, 13.5841,
-17.0541

■ 120.4070, 16.0683,
-20.5279

Harmonies

Analogous

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



84.7910, -6.3060, 15.9693



84.0740, -8.9105, 11.3361



83.0300, -8.8888, 4.3587

Triad

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



84.0740, -8.9105, 11.3361



79.8020, 3.5486, -18.2434



85.1560, 6.8251, 4.2482

Complementary

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



84.0740, -8.9105, 11.3361



78.9260, 8.9105, -11.3361

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.



84.0730, 9.3310, -6.2030



84.0740, -8.9105, 11.3361



80.5290, 7.6272, -19.7579

Square

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



84.0740, -8.9105, 11.3361



80.7550, -1.8512, -12.9401



82.1320, 9.7949, -15.0248



85.7610, 2.5828, 11.6106

Rectangle

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



84.0740, -8.9105, 11.3361



82.3390, -7.5621, -1.1743



82.1320, 9.7949, -15.0248



84.6610, 7.5621, 1.1743

Sweetspot

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



84.0740, -8.9105, 11.3361



119.9960, -3.9420, 4.3885



77.0930, 2.4192, 17.4584



60.7400, -2.3368, 2.8590



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.0740, -8.9105, 11.3361



104.8530, -13.7315, 17.6689



92.8790, -13.2513, 3.6141



46.3700, -1.1684, 1.4295



65.1860, -32.1367, 41.0559



139.8520, -68.9470, 87.8298

Inverse Universe

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



78.9260, 8.9105, -11.3361



97.1470, 13.7315, -17.6689



70.1210, 13.2513, -3.6141



45.6300, 1.1684, -1.4295



46.8140, 32.1367, -41.0559



100.1480, 68.9470, -87.8298

Previews

White Background



This preview shows how the YUV color 84.0740, -8.9105, 11.3361 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 84.0740, -8.9105, 11.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

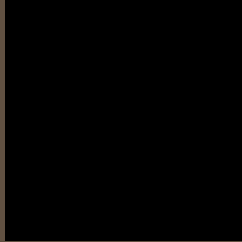
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0740, -8.9105, 11.3361

Background



This preview shows how black text looks on a background with the YUV color 84.0740, -8.9105, 11.3361.

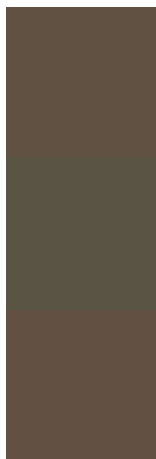


This preview shows how white text looks on a background with the YUV color 84.0740, -8.9105,

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

84.0740, -8.9105, 11.3361

Protanopia

83.5570, -8.1626, 4.7735

Deuteranopia

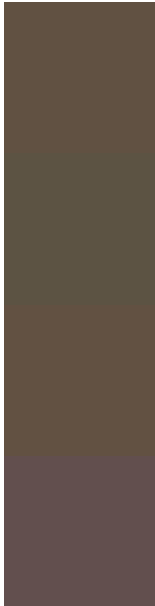
84.3730, -9.0579, 11.9509



Tritanopia

85.0770, -0.0380, 12.2105

Trichromacy



Original Color

84.0740, -8.9105, 11.3361

Protanomaly

83.8670, -8.3154, 7.1326

Deuteranomaly

84.3730, -9.0579, 11.9509

Tritanomaly

84.5670, -3.2375, 11.7807

Monochromacy



Original Color

84.0740, -8.9105, 11.3361

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.1100, -3.5052, 4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0740, -8.9105, 11.3361 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(97, 81, 66)` looks like.

```
.text, #text, p{  
    color:rgb(97, 81, 66)  
}
```

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(97, 81, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 81, 66) }
```

Border

The CSS property to change the border of an element to YUV 84.0740, -8.9105, 11.3361 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(97, 81, 66) }
```


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

```
.border{ border-color:rgb(97, 81, 66) }
```

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

Here you see how a box with a 4 pixel rgb(97, 81, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 81, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 81, 66);  
box-shadow:4px 4px 4px 4px rgb(97, 81, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.0740, -8.9105, 11.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 81, 66) }
```

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

```
.background{ background-color: rgb(97, 81,  
66) }
```

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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