

Converting Colors

YUV(96.5770, -1.7635, 5.6330)

Have a look what the booklet for
YUV(96.5770, -1.7635, 5.6330)
contains.

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Color

**YUV(96.5770, -1.7635,
5.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	675E5D
RGB	103, 94, 93
RGB Percent	40%, 37%, 36%
CMY	0.5961, 0.6314, 0.6353
CMYK	0.00, 0.09, 0.10, 0.60
HSL	6°, 5%, 38%
HSV	6°, 10%, 40%
XYZ	11.5720, 11.6793, 12.0003
YIQ	96.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

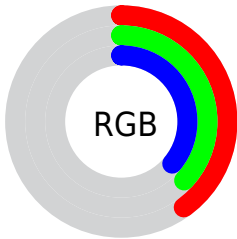
Format	Color
R_{YB}	103, 94, 93
Decimal	6774365
CIE _{Lab}	40.70, 3.41, 1.87
CIE _{LCh}	41, 3.890, 28.756
Yxy	11.6793, 0.3283, 0.3313
Android (android.graphics.Color)	4284964445 (0xFF675E5D)
YUV	96.5770, -1.7635, 5.6330
Hunter-Lab	34.1750, 0.6358, 3.1031




Details

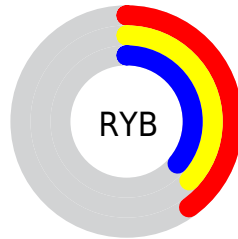
The YUV color **96.5770, -1.7635, 5.6330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.4230, 1.7635, -5.6330**, and the grayscale version is **97.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **146.8760, -1.9109, 6.2477**, and **50.2780, -1.6161, 5.0182** is the 20% darker color. If you saturate the color by 10%, you get **90.1540, -3.5269, 11.2659**, and if you desaturate by 10%, it is **103.0000, 0.0000, 0.0000**.

Distribution







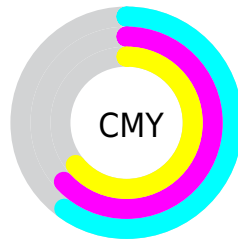
-  Red (40%)
-  Green (37%)
-  Blue (36%)






-  Red (40%)
-  Yellow (37%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (9%)
-  Yellow (10%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (63%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5770, -1.7635, 5.6330 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 96.5770, -1.7635, 5.6330 by changing the saturation by 10% instead.

■ 96.5770, -1.7635,
5.6330

■ 96.5770, -1.7635,
5.6330

255.0000, 0.0000,
0.0000

■ 72.5770, -1.7635,
5.6330

■ 146.8760, -1.9109,
6.2477

■ 50.2780, -1.6161,
5.0182

■ 173.8760, -1.9109,
6.2477

■ 29.2780, -1.6161,
5.0182

■ 200.8760, -1.9109,
6.2477

■ 3.8870, -1.9163,
7.9921

■ 229.1750, -2.0583,
6.8625

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,
0.1000

■ 96.5770, -1.7635,
5.6330

■ 96.5770, -1.7635,
5.6330

■ 90.1540, -3.5269,
11.2659

■ 103.0000, 0.0000,
0.0000

■ 83.0300, -5.4378,
17.5137

■ 110.1240, 1.9109,
-6.2477

■ 76.6070, -7.2013,
23.1467

■ 116.5470, 3.6743,
-11.8807

■ 70.1840, -8.9647,
28.7796

■ 122.9700, 5.4378,
-17.5137

■ 63.6470, -11.1650,
34.5126

■ 129.5070, 7.6380,
-23.2466

■ 56.6370, -12.6390,
40.6604

■ 136.5170, 9.1121,
-29.3944

■ 50.2140, -14.4025,
46.2933

■ 142.9400, 10.8756,
-35.0274

■ 43.7910, -16.1660,

■ 149.3630, 12.6390,

51.9263

-40.6604

■ 37.2540, -18.3662,
57.6592

■ 155.9000, 14.8393,
-46.3933

Harmonies

Analogous

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



96.6200, -0.3057, 4.7183



96.5770, -1.7635, 5.6330



96.6370, -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.



96.5770, -1.7635, 5.6330



95.0490, -1.0102, -2.6740



95.7870, 3.0630, -2.4442

Complementary

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



96.5770, -1.7635, 5.6330



99.4230, 1.7635, -5.6330

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.



95.3630, 2.7790, -4.7034



96.5770, -1.7635, 5.6330



95.0810, 0.4531, -5.3330

Square

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



96.5770, -1.7635, 5.6330



95.6040, -2.7628, -0.5297



95.1240, 1.9109, -6.2477



96.2820, 2.3260, 0.6297

Rectangle

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



96.5770, -1.7635, 5.6330



95.9250, -2.9210, 3.5738



95.1240, 1.9109, -6.2477



95.7760, 3.0684, -4.1886

Sweetspot

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



96.5770, -1.7635, 5.6330



132.7830, -0.8790, 1.9443



97.0160, 2.4571, 5.2480



66.8970, -0.4422, 1.8443



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



96.5770, -1.7635, 5.6330



124.9580, -2.9373, 8.8068



99.5120, -3.2104, 3.0590



47.4950, -0.7370, 3.0739



40.8420, -20.1351, 65.0366



86.4460, -42.6179, 136.4209

Inverse Universe

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



99.4230, 1.7635, -5.6330



129.6290, 2.6479, -9.3216



96.4880, 3.2104, -3.0590



48.9180, 1.0264, -2.5591



73.5710, 20.4245, -64.5218



155.5540, 42.6179, -136.4209

Previews

White Background



This preview shows how the YUV color 96.5770, -1.7635, 5.6330 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 96.5770, -1.7635, 5.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

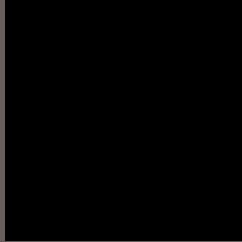
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5770, -1.7635, 5.6330

Background



This preview shows how black text looks on a background with the YUV color 96.5770, -1.7635, 5.6330.

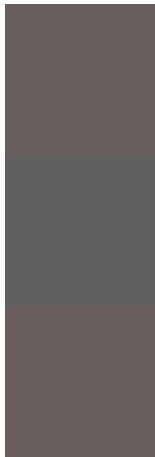


This preview shows how white text looks on a background with the YUV color 96.5770, -1.7635,

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

96.5770, -1.7635, 5.6330

Protanopia

96.3700, -1.1684, 1.4295

Deuteranopia

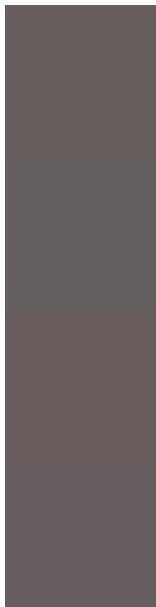
96.8870, -1.9163, 7.9921



Tritanopia

97.0870, 1.4361, 6.0627

Trichromacy



Original Color

96.5770, -1.7635, 5.6330

Protanomaly

96.3810, -1.1738, 3.1739

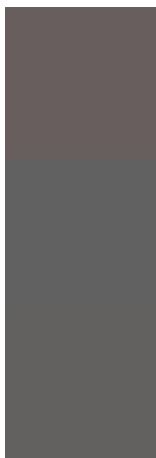
Deuteranomaly

96.5880, -1.7689, 7.3773

Tritanomaly

96.7450, 0.1257, 6.3626

Monochromacy



Original Color

96.5770, -1.7635, 5.6330

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5770, -1.7635, 5.6330 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(103, 94, 93)` looks like.

```
.text, #text, p{  
    color:rgb(103, 94, 93)  
}
```

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(103, 94, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 94, 93) }
```

Border

The CSS property to change the border of an element to YUV 96.5770, -1.7635, 5.6330 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(103, 94, 93) }
```


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

```
.border{ border-color:rgb(103, 94, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 94, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 94, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 94, 93);  
box-shadow:4px 4px 4px 4px rgb(103, 94,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 96.5770, -1.7635, 5.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 94, 93) }
```

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

```
.background{ background-color: rgb(103, 94,  
93) }
```

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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