

Converting Colors

YUV(93.5650, -0.2785, -4.0035)

Have a look what the booklet for
YUV(93.5650, -0.2785, -4.0035)
contains.

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Color

**YUV(93.5650, -0.2785,
-4.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	59605D
RGB	89, 96, 93
RGB Percent	35%, 38%, 36%
CMY	0.6510, 0.6235, 0.6353
CMYK	0.07, 0.00, 0.03, 0.62
HSL	154°, 4%, 36%
HSV	154°, 7%, 38%
XYZ	10.2785, 11.2799, 11.9914
YIQ	93.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

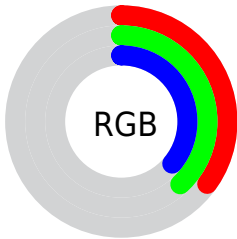
Format	Color
RYB	89, 93, 96
Decimal	5857373
CIELab	40.05, -3.37, 0.77
CIELCh	40, 3.459, 167.172
Yxy	11.2799, 0.3064, 0.3362
Android (android.graphics.Color)	4284047453 (0xFF59605D)
YUV	93.5650, -0.2785, -4.0035
Hunter-Lab	33.5856, -4.1469, 2.3409

Details

The YUV color $[93.5650, -0.2785, -4.0035]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[91.4350, 0.2785, 4.0035]$, and the grayscale version is $[94.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[143.5650, -0.2785, -4.0035]$, and $[47.8640, -0.4260, -3.3887]$ is the 20% darker color. If you saturate the color by 10%, you get $[90.1190, -0.5517, -9.7514]$, and if you desaturate by 10%, it is $[97.0110, -0.0054, 1.7444]$.

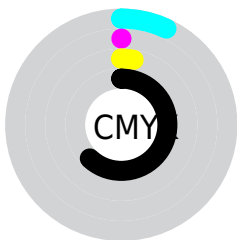
Distribution



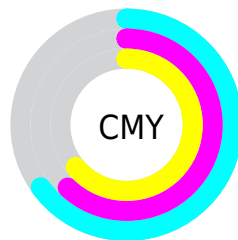
- Red (35%)
- Green (38%)
- Blue (36%)



- Red (35%)
- Yellow (36%)
- Blue (38%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (62%)



- Cyan (65%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.5650, -0.2785, -4.0035 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 93.5650, -0.2785, -4.0035 by changing the saturation by 10% instead.

■ 93.5650, -0.2785,
-4.0035

■ 93.5650, -0.2785,
-4.0035

■ 255.0000, 0.0000,
0.0000

■ 69.8640, -0.4260,
-3.3887

■ 143.5650, -0.2785,
-4.0035

■ 47.8640, -0.4260,
-3.3887

■ 170.2660, -0.1311,
-4.6183

■ 26.8640, -0.4260,
-3.3887

■ 197.2660, -0.1311,
-4.6183

■ 0.0000, 0.0000,
0.0000

■ 225.2660, -0.1311,
-4.6183

■ 253.0920, 0.4476,
-3.5887

■ 93.5650, -0.2785,
-4.0035

■ 93.5650, -0.2785,
-4.0035

■ 90.1190, -0.5517,
-9.7514

■ 97.0110, -0.0054,
1.7444

■ 86.9720, -0.9722,
-14.8844

■ 100.1580, 0.4151,
6.8774

■ 83.5260, -1.2453,
-20.6323

■ 103.6040, 0.6882,
12.6253

■ 80.3790, -1.6658,
-25.7654

■ 106.7510, 1.1088,
17.7584

■ 76.8190, -2.3758,
-31.4133

■ 110.3110, 1.8187,
23.4063

■ 73.3730, -2.6489,
-37.1611

■ 113.7570, 2.0918,
29.1541

■ 70.2260, -3.0694,
-42.2942

■ 116.9040, 2.5123,
34.2872

■ 66.7800, -3.3425,

■ 120.3500, 2.7855,

-48.0421

40.0351

■ 63.6330, -3.7631,
-53.1751

■ 123.4970, 3.2060,
45.1681

Harmonies

Analogous

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



93.5330, -1.7418, -1.3444



93.5650, -0.2785, -4.0035



93.6080, 1.1793, -4.9182

Triad

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



93.5650, -0.2785, -4.0035



94.6840, 2.6208, -0.5999



94.7510, -2.3422, 4.6034

Complementary

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



93.5650, -0.2785, -4.0035



91.4350, 0.2785, 4.0035

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.



95.3920, -1.1793, 4.9182



93.5650, -0.2785, -4.0035



94.7660, 1.5944, 1.9592

Square

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



93.5650, -0.2785, -4.0035



94.0750, 2.9210, -3.5738



95.1360, 0.4260, 3.3887



94.6260, -2.7736, 2.9590

Rectangle

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



93.5650, -0.2785, -4.0035



93.8360, 2.0529, -5.1182



95.1360, 0.4260, 3.3887



94.8650, -1.9054, 4.5034

Sweetspot

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



93.5650, -0.2785, -4.0035



123.9890, 0.0054, -1.7444



94.0060, -2.4680, -1.7593



63.2880, -0.1420, -1.1296



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.



93.5650, -0.2785, -4.0035



121.1410, -0.5625, -6.2627



93.9070, 1.0318, -4.3034



46.5760, -0.2840, -2.2592



73.0400, -4.4567, -64.0561



156.4980, -9.6125, -137.2487

Inverse Universe

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



91.4350, 0.2785, 4.0035



117.8590, 0.5625, 6.2627



91.0930, -1.0318, 4.3034



45.4240, 0.2840, 2.2592



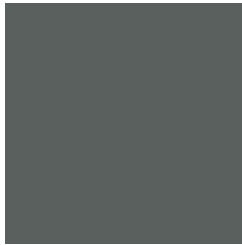
38.9600, 4.4567, 64.0561



83.5020, 9.6125, 137.2487

Previews

White Background



This preview shows how the YUV color 93.5650, -0.2785, -4.0035 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 93.5650, -0.2785, -4.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

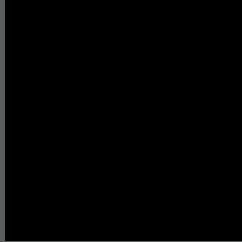
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.5650, -0.2785, -4.0035

Background



This preview shows how black text looks on a background with the YUV color 93.5650, -0.2785, -4.0035.



This preview shows how white text looks on a background with the YUV color 93.5650, -0.2785,

-4.0035.

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

93.5650, -0.2785, -4.0035

Protanopia

94.3700, -1.1684, 1.4295

Deuteranopia

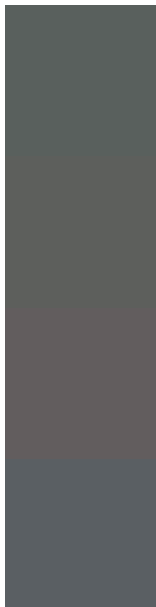
94.9300, -0.4585, 7.0774



Tritanopia

94.6020, 3.6472, -3.1590

Trichromacy



Original Color

93.5650, -0.2785, -4.0035

Protanomaly

94.0600, -1.0156, -0.9296

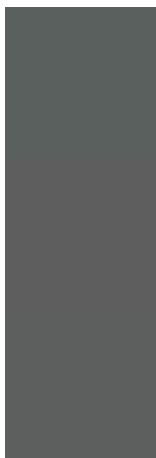
Deuteranomaly

94.6090, -0.3002, 2.9739

Tritanomaly

93.9610, 2.4842, -3.4738

Monochromacy



Original Color

93.5650, -0.2785, -4.0035

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.5650, -0.2785, -4.0035 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(89, 96, 93)` looks like.

```
.text, #text, p{  
    color:rgb(89, 96, 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(89, 96, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 96, 93) }
```

Border

The CSS property to change the border of an element to YUV 93.5650, -0.2785, -4.0035 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(89, 96, 93) }
```


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

```
.border{ border-color:rgb(89, 96, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 96, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 96, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 96, 93);  
box-shadow:4px 4px 4px 4px rgb(89, 96, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.5650, -0.2785, -4.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 96, 93) }
```

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

```
.background{ background-color: rgb(89, 96,  
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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