

Converting Colors

YUV(90.3800, 0.3057, -4.7183)

Have a look what the booklet for
YUV(90.3800, 0.3057, -4.7183)
contains.

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Color

**YUV(90.3800, 0.3057,
-4.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	555D5B
RGB	85, 93, 91
RGB Percent	33%, 36%, 36%
CMY	0.6667, 0.6353, 0.6431
CMYK	0.09, 0.00, 0.02, 0.64
HSL	165°, 4%, 35%
HSV	165°, 9%, 36%
XYZ	9.5490, 10.5153, 11.4239
YIQ	90.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

Format	Color
R_{YB}	85, 90, 93
Decimal	5594459
CIE Lab	38.75, -3.56, 0.07
CIE LCh	39, 3.561, 178.871
Yxy	10.5153, 0.3033, 0.3339
Android (android.graphics.Color)	4283784539 (0xFF555D5B)
YUV	90.3800, 0.3057, -4.7183
Hunter-Lab	32.4273, -4.1844, 1.8117

Details

The YUV color **90.3800, 0.3057, -4.7183** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.6200, -0.3057, 4.7183**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3800, 0.3057, -4.7183**, and **44.6790, 0.1583, -4.1035** is the 20% darker color. If you saturate the color by 10%, you get **87.4610, 0.7587, -10.0513**, and if you desaturate by 10%, it is **93.2990, -0.1474, 0.6148**.

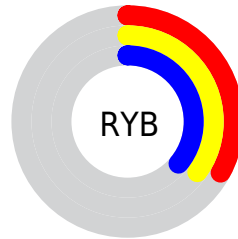
Distribution



Red (33%)

Green (36%)

Blue (36%)



Red (33%)

Yellow (35%)

Blue (36%)

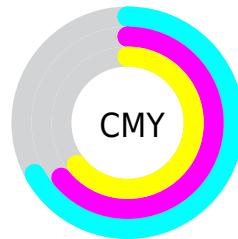


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (64%)



Cyan (67%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3800, 0.3057, -4.7183 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 90.3800, 0.3057, -4.7183 by changing the saturation by 10% instead.

■ 90.3800, 0.3057,
-4.7183

■ 90.3800, 0.3057,
-4.7183

■ 255.0000, 0.0000,
0.0000

■ 66.7930, 0.5951,
-4.2035

■ 140.3800, 0.3057,
-4.7183

■ 44.6790, 0.1583,
-4.1035

■ 166.9670, 0.0163,
-5.2331

■ 24.0920, 0.4476,
-3.5887

■ 194.0810, 0.4531,
-5.3330

■ 0.0000, 0.0000,
0.0000

■ 222.0810, 0.4531,
-5.3330

■ 250.6680, 0.1637,
-5.8478

■ 90.3800, 0.3057,
-4.7183

■ 90.3800, 0.3057,
-4.7183

■ 87.4610, 0.7587,
-10.0513

■ 93.2990, -0.1474,
0.6148

■ 84.1290, 0.9224,
-15.8991

■ 96.6310, -0.3111,
6.4626

■ 81.2100, 1.3755,
-21.2322

■ 99.5500, -0.7641,
11.7957

■ 78.2910, 1.8285,
-26.5652

■ 102.4690, -1.2172,
17.1287

■ 75.2580, 1.8448,
-31.7983

■ 105.8010, -1.3809,
22.9765

■ 72.0400, 2.4453,
-37.7461

■ 108.7200, -1.8340,
28.3096

■ 69.1210, 2.8983,
-43.0791

■ 111.6390, -2.2870,
33.6426

■ 66.0880, 2.9146,

■ 114.6720, -2.3033,

-48.3122

38.8757

■ 62.8700, 3.5151,
-54.2600

■ 117.8900, -2.9038,
44.8235

Harmonies

Analogous

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



90.6360, -1.2995, -3.1888



90.3800, 0.3057, -4.7183



90.4230, 1.7635, -5.6330

Triad

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



90.3800, 0.3057, -4.7183



91.8690, 2.0366, 0.1149



91.3380, -2.6316, 4.0886

Complementary

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



90.3800, 0.3057, -4.7183



87.6200, -0.3057, 4.7183

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.



91.6910, -1.3267, 5.5330



90.3800, 0.3057, -4.7183



91.9510, 1.0102, 2.6740

Square

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



90.3800, 0.3057, -4.7183



90.7870, 3.0630, -2.4442



91.6200, -0.3057, 4.7183



91.3270, -2.6262, 2.3442

Rectangle

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



90.3800, 0.3057, -4.7183



90.8360, 2.0529, -5.1182



91.6200, -0.3057, 4.7183



91.7510, -2.3422, 4.6034

Sweetspot

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



90.3800, 0.3057, -4.7183



118.6900, 0.1528, -2.3591



90.2940, -2.6099, -2.8888



60.4020, 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.



90.3800, 0.3057, -4.7183



116.0700, 0.4585, -7.0774



89.4340, 1.7580, -3.8886



44.3910, 0.3002, -2.9739



73.9180, 3.9844, -64.8261



159.4110, 9.1644, -139.8034

Inverse Universe

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



87.6200, -0.3057, 4.7183



111.9300, -0.4585, 7.0774



88.5660, -1.7580, 3.8886



42.6090, -0.3002, 2.9739



35.9680, -4.4212, 64.9261



77.5890, -9.1644, 139.8034

Previews

White Background



This preview shows how the YUV color 90.3800, 0.3057, -4.7183 looks on a white background.

Color Contrast Check

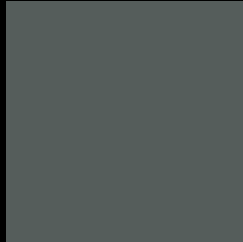
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.3800, 0.3057, -4.7183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

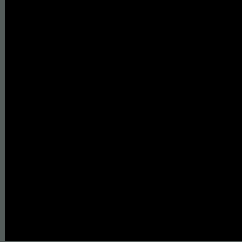
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3800, 0.3057, -4.7183

Background



This preview shows how black text looks on a background with the YUV color 90.3800, 0.3057, -4.7183.



This preview shows how white text looks on a background with the YUV color 90.3800, 0.3057,

-4.7183.

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

90.3800, 0.3057, -4.7183

Protanopia

91.4840, -0.7316, 1.3295

Deuteranopia

91.7450, 0.1257, 6.3626



Tritanopia

91.0040, 3.9420, -4.3885

Trichromacy



Original Color

90.3800, 0.3057, -4.7183

Protanomaly

91.1740, -0.5788, -1.0296

Deuteranomaly

91.4240, 0.2840, 2.2592

Tritanomaly

90.6620, 2.6316, -4.0886

Monochromacy



Original Color

90.3800, 0.3057, -4.7183

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3800, 0.3057, -4.7183 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(85, 93, 91)` looks like.

```
.text, #text, p{  
    color:rgb(85, 93, 91)  
}
```

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(85, 93, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 93, 91) }
```

Border

The CSS property to change the border of an element to YUV 90.3800, 0.3057, -4.7183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

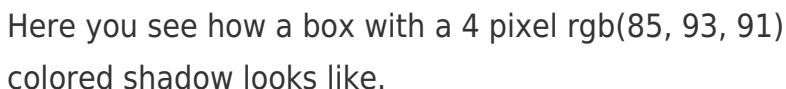
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 93, 91) }
```


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

```
.border{ border-color:rgb(85, 93, 91) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 93, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 93, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 93, 91);  
box-shadow:4px 4px 4px 4px rgb(85, 93, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.3800, 0.3057, -4.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 93, 91) }
```

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

```
.background{ background-color: rgb(85, 93,  
91) }
```

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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