

Converting Colors

YUV(90.1040, -1.0373, 6.0478)

Have a look what the booklet for
YUV(90.1040, -1.0373, 6.0478)
contains.

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Color

**YUV(90.1040, -1.0373,
6.0478)**

Conversions

Conversions Part 1

Format	Color
Hex	615758
RGB	97, 87, 88
RGB Percent	38%, 34%, 35%
CMY	0.6196, 0.6588, 0.6549
CMYK	0.00, 0.10, 0.09, 0.62
HSL	354°, 5%, 36%
HSV	354°, 10%, 38%
XYZ	10.0994, 10.0624, 10.6425
YIQ	90.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

Format	Color
RYB	97, 87, 88
Decimal	6379352
CIELab	37.95, 4.26, 0.90
CIElCh	38, 4.355, 11.881
Yxy	10.0624, 0.3279, 0.3267
Android (android.graphics.Color)	4284569432 (0xFF615758)
YUV	90.1040, -1.0373, 6.0478
Hunter-Lab	31.7212, 1.3187, 2.3131

Details

The YUV color **90.1040, -1.0373, 6.0478** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.8960, 1.0373, -6.0478**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4030, -1.1847, 6.6626**, and **44.8050, -0.8899, 5.4330** is the 20% darker color. If you saturate the color by 10%, you get **83.2080, -2.0745, 12.0956**, and if you desaturate by 10%, it is **97.0000, 0.0000, 0.0000**.

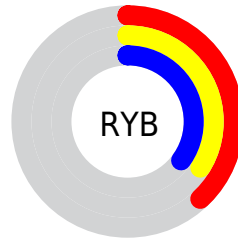
Distribution



Red (38%)

Green (34%)

Blue (35%)



Red (38%)

Yellow (34%)

Blue (35%)

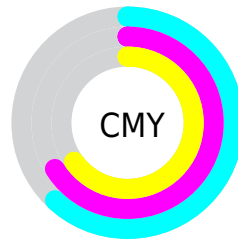


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (62%)



Cyan (62%)

Magenta (66%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1040, -1.0373, 6.0478 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 90.1040, -1.0373, 6.0478 by changing the saturation by 10% instead.

■ 90.1040, -1.0373,
6.0478

■ 90.1040, -1.0373,
6.0478

■ 255.0000, 0.0000,
0.0000

■ 66.8050, -0.8899,
5.4330

■ 140.4030, -1.1847,
6.6626

■ 44.8050, -0.8899,
5.4330

■ 166.4030, -1.1847,
6.6626

■ 23.5060, -0.7425,
4.8182

■ 193.7020, -1.3321,
7.2773

■ 0.0000, 0.0000,
0.0000

■ 221.7020, -1.3321,
7.2773

■ 248.8050, -0.8899,
5.4330

90.1040, -1.0373,
6.0478

90.1040, -1.0373,
6.0478

83.2080, -2.0745,
12.0956

97.0000, 0.0000,
0.0000

77.0130, -2.9644,
17.5286

103.1950, 0.8899,
-5.4330

70.1170, -4.0017,
23.5764

110.0910, 1.9271,
-11.4808

63.2210, -5.0390,
29.6242

116.9870, 2.9644,
-17.5286

56.9120, -6.3656,
35.1572

123.8830, 4.0017,
-23.5764

50.1300, -6.9661,
41.1050

130.0780, 4.8915,
-29.0094

43.2340, -8.0034,
47.1528

136.9740, 5.9288,
-35.0572

36.3380, -9.0406,

143.8700, 6.9661,

53.2006

-41.1050

■ 30.1430, -9.9305,
58.6336

■ 150.1790, 8.2928,
-46.6380

Harmonies

Analogous

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



89.9620, 1.0047, 4.4183



90.1040, -1.0373, 6.0478



89.7620, -2.3477, 6.3477

Triad

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



90.1040, -1.0373, 6.0478



89.0060, -2.4680, -1.7593



88.8900, 3.5052, -4.2885

Complementary

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



90.1040, -1.0373, 6.0478



93.8960, 1.0373, -6.0478

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.



88.3520, 2.7845, -6.4477



90.1040, -1.0373, 6.0478



88.1520, -0.5679, -4.5183

Square

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



90.1040, -1.0373, 6.0478



89.3870, -3.6418, 1.4146



88.0100, 1.4741, -6.1478



89.2000, 3.3524, -1.9294

Rectangle

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



90.1040, -1.0373, 6.0478



89.5230, -3.2158, 4.8033



88.0100, 1.4741, -6.1478



89.0640, 2.9264, -5.3181

Sweetspot

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



90.1040, -1.0373, 6.0478



122.3100, -0.1528, 2.3591



90.8310, 3.0413, 4.5332



61.8970, -0.4422, 1.8443



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.



90.1040, -1.0373, 6.0478



114.5990, -1.7743, 9.1217



92.3380, -2.6316, 4.0886



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.4960, -24.8945, 145.1470

Inverse Universe

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



90.1040, -1.0373, 6.0478



114.5990, -1.7743, 9.1217



91.6620, 2.6316, -4.0886



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.4960, -24.8945, 145.1470

Previews

White Background



This preview shows how the YUV color 90.1040, -1.0373, 6.0478 looks on a white background.

Color Contrast Check

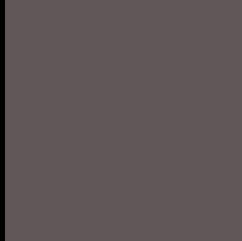
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.1040, -1.0373, 6.0478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

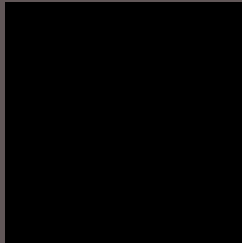
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1040, -1.0373, 6.0478

Background



This preview shows how black text looks on a background with the YUV color 90.1040, -1.0373, 6.0478.

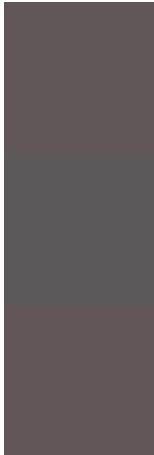


This preview shows how white text looks on a background with the YUV color 90.1040, -1.0373,

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

90.1040, -1.0373, 6.0478

Protanopia

89.5980, -0.2948, 1.2296

Deuteranopia

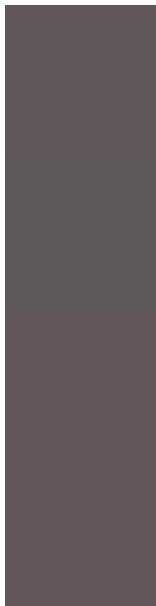
89.8160, -0.8953, 7.1774



Tritanopia

90.3860, 1.2887, 6.6775

Trichromacy



Original Color

90.1040, -1.0373, 6.0478

Protanomaly

89.6090, -0.3002, 2.9739

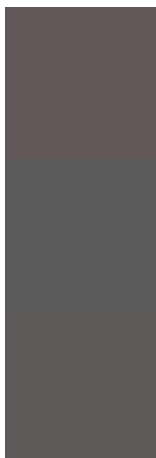
Deuteranomaly

89.8160, -0.8953, 7.1774

Tritanomaly

90.1580, 0.4151, 6.8774

Monochromacy



Original Color

90.1040, -1.0373, 6.0478

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1960, -0.5896, 2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1040, -1.0373, 6.0478 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, 87, 88)` looks like.

```
.text, #text, p{  
    color:rgb(97, 87, 88)  
}
```

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, 87, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 87, 88) }
```

Border

The CSS property to change the border of an element to YUV 90.1040, -1.0373, 6.0478 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, 87, 88) }
```


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

```
.border{ border-color:rgb(97, 87, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 87, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 87, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 87, 88);  
box-shadow:4px 4px 4px 4px rgb(97, 87, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.1040, -1.0373, 6.0478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 87, 88) }
```

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

```
.background{ background-color: rgb(97, 87,  
88) }
```

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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