

Converting Colors

YUV(96.3980, -3.6472, 3.1590)

Have a look what the booklet for
YUV(96.3980, -3.6472, 3.1590)
contains.

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Color

**YUV(96.3980, -3.6472,
3.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	646059
RGB	100, 96, 89
RGB Percent	39%, 38%, 35%
CMY	0.6078, 0.6235, 0.6510
CMYK	0.00, 0.04, 0.11, 0.61
HSL	38°, 6%, 37%
HSV	38°, 11%, 39%
XYZ	11.2416, 11.7963, 11.1356
YIQ	96.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

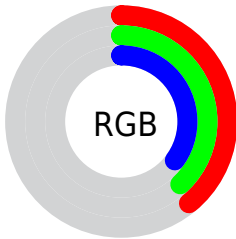
Format	Color
RYB	95, 100, 89
Decimal	6578265
CIELab	40.89, 0.21, 4.56
CIELCh	41, 4.563, 87.300
Yxy	11.7963, 0.3290, 0.3452
Android (android.graphics.Color)	4284768345 (0xFF646059)
YUV	96.3980, -3.6472, 3.1590
Hunter-Lab	34.3458, -1.6811, 4.8190

Details

The YUV color **96.3980, -3.6472, 3.1590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.6020, 3.6472, -3.1590**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6970, -3.7946, 3.7737**, and **50.2130, -3.0630, 2.4442** is the 20% darker color. If you saturate the color by 10%, you get **92.9100, -6.8576, 6.2179**, and if you desaturate by 10%, it is **99.8860, -0.4368, 0.1000**.

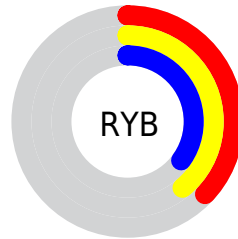
Distribution



Red (39%)

Green (38%)

Blue (35%)



Red (37%)

Yellow (39%)

Blue (35%)

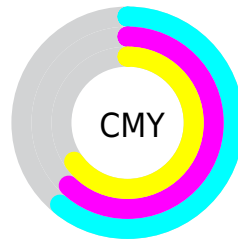


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3980, -3.6472, 3.1590 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 96.3980, -3.6472, 3.1590 by changing the saturation by 10% instead.

■ 96.3980, -3.6472,
3.1590

■ 96.3980, -3.6472,
3.1590

■ 255.0000, 0.0000,
0.0000

■ 72.5120, -3.2104,
3.0590

■ 146.6970, -3.7946,
3.7737

■ 50.2130, -3.0630,
2.4442

■ 173.5830, -4.2314,
3.8737

■ 29.2130, -3.0630,
2.4442

■ 200.5830, -4.2314,
3.8737

■ 3.5550, -1.7526,
2.1443

■ 228.5830, -4.2314,
3.8737

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,
0.5999

■ 96.3980, -3.6472,
3.1590

■ 96.3980, -3.6472,
3.1590

■ 92.9100, -6.8576,
6.2179

■ 99.8860, -0.4368,
0.1000

■ 90.0090, -10.3574,
8.7621

■ 102.7870, 3.0630,
-2.4442

■ 86.5210, -13.5679,
11.8211

■ 106.2750, 6.2734,
-5.5032

■ 83.0330, -16.7783,
14.8801

■ 109.7630, 9.4838,
-8.5622

■ 80.1320, -20.2781,
17.4242

■ 112.6640, 12.9836,
-11.1063

■ 76.6440, -23.4885,
20.4832

■ 116.1520, 16.1941,
-14.1653

■ 73.7430, -26.9883,
23.0274

■ 119.0530, 19.6939,
-16.7095

■ 70.2550, -30.1987,

■ 122.5410, 22.9043,

26.0864

-19.7685

■ 67.4680, -33.2617,
28.5306

■ 126.0290, 26.1147,
-22.8274

Harmonies

Analogous

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



96.8220, -3.3632, 5.4181



96.3980, -3.6472, 3.1590



95.9030, -2.9102, 0.0851

Triad

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



96.3980, -3.6472, 3.1590



95.5260, 2.2057, -7.4773



97.3640, 1.2995, 3.1888

Complementary

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



96.3980, -3.6472, 3.1590



92.6020, 3.6472, -3.1590

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.



97.0970, 2.9102, -0.0851



96.3980, -3.6472, 3.1590



95.8790, 3.5107, -6.0329

Square

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



96.3980, -3.6472, 3.1590



95.3690, 0.3111, -6.4626



96.3030, 3.7946, -3.7737



97.3320, -0.1637, 5.8478

Rectangle

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



96.3980, -3.6472, 3.1590



95.7070, -2.3206, -2.3740



96.3030, 3.7946, -3.7737



97.1790, 1.8838, 2.4740

Sweetspot

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



96.3980, -3.6472, 3.1590



128.9570, -1.4578, 0.9147



92.7450, 0.1257, 6.3626



65.1850, -0.5842, 0.7148



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



96.3980, -3.6472, 3.1590



124.5400, -5.6892, 4.7884



98.4470, -4.6574, 0.4850



49.2560, -1.6052, 1.5295



77.2360, -38.0773, 33.1190



162.7560, -80.2387, 69.4970

Inverse Universe

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



92.6020, 3.6472, -3.1590



118.4600, 5.6892, -4.7884



90.5530, 4.6574, -0.4850



47.7440, 1.6052, -1.5295



37.7640, 38.0773, -33.1190



79.2440, 80.2387, -69.4970

Previews

White Background



This preview shows how the YUV color 96.3980, -3.6472, 3.1590 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 96.3980, -3.6472, 3.1590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

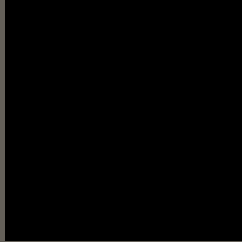
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3980, -3.6472, 3.1590

Background



This preview shows how black text looks on a background with the YUV color 96.3980, -3.6472, 3.1590.



This preview shows how white text looks on a background with the YUV color 96.3980, -3.6472,

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

96.3980, -3.6472, 3.1590

Protanopia

96.3980, -3.6472, 3.1590

Deuteranopia

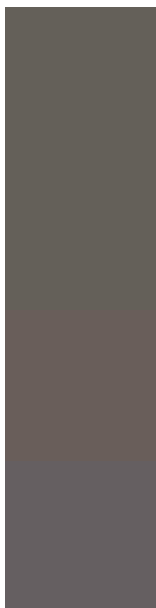
97.1430, -3.5215, 9.5216



Tritanopia

97.3040, 2.3151, 4.1184

Trichromacy



Original Color

96.3980, -3.6472, 3.1590

Protanomaly

96.3980, -3.6472, 3.1590

Deuteranomaly

96.8330, -3.3687, 7.1625

Tritanomaly

97.0220, -0.0108, 3.4887

Monochromacy



Original Color

96.3980, -3.6472, 3.1590

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3980, -3.6472, 3.1590 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(100, 96, 89)` looks like.

```
.text, #text, p{  
    color:rgb(100, 96, 89)  
}
```

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(100, 96, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 96, 89) }
```

Border

The CSS property to change the border of an element to YUV 96.3980, -3.6472, 3.1590 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(100, 96, 89) }
```


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

```
.border{ border-color:rgb(100, 96, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 96, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 96, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 96, 89);  
box-shadow:4px 4px 4px 4px rgb(100, 96,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 96.3980, -3.6472, 3.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 96, 89) }
```

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

```
.background{ background-color: rgb(100, 96,  
89) }
```

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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