

Converting Colors

YUV(63.2680, 3.3189, -37.9460)

Have a look what the booklet for
YUV(63.2680, 3.3189, -37.9460)
contains.

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Color

**YUV(63.2680, 3.3189,
-37.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	145446
RGB	20, 84, 70
RGB Percent	8%, 33%, 27%
CMY	0.9216, 0.6706, 0.7255
CMYK	0.76, 0.00, 0.17, 0.67
HSL	167°, 62%, 20%
HSV	167°, 76%, 33%
XYZ	4.5643, 6.9316, 6.8917
YIQ	63.2680, -33.6500, -17.9220

Conversions

Conversions Part 2

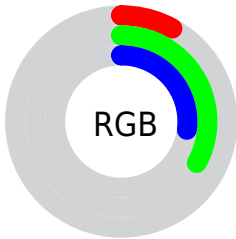
Format	Color
R_{YB}	20, 56, 84
Decimal	1332294
CIE _{Lab}	31.65, -23.65, 2.45
CIE _{LCh}	32, 23.778, 174.083
Yxy	6.9316, 0.2482, 0.3770
Android (android.graphics.Color)	4279522374 (0xFF145446)
YUV	63.2680, 3.3189, -37.9460
Hunter-Lab	26.3279, -15.1283, 2.9095

Details

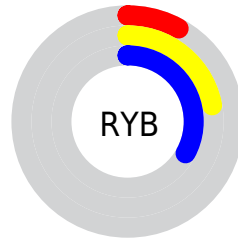
The YUV color **63.2680, 3.3189, -37.9460** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **40.7320, -3.3189, 37.9460**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2360, 1.8557, -35.2870**, and **25.3840, 0.7967, -22.2618** is the 20% darker color. If you saturate the color by 10%, you get **60.6480, 3.6245, -42.6643**, and if you desaturate by 10%, it is **65.8880, 3.0132, -33.2278**.

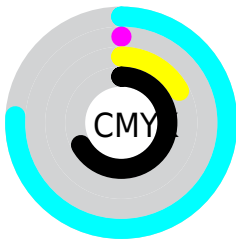
Distribution



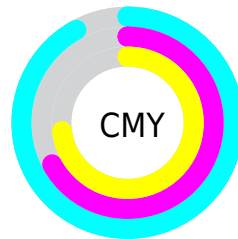
- Red (8%)
- Green (33%)
- Blue (27%)



- Red (8%)
- Yellow (22%)
- Blue (33%)



- Cyan (76%)
- Magenta (0%)
- Yellow (17%)
- Black (67%)



- Cyan (92%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2680, 3.3189, -37.9460 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 63.2680, 3.3189, -37.9460 by changing the saturation by 10% instead.

■ 63.2680, 3.3189,
-37.9460

■ 63.2680, 3.3189,
-37.9460

■ 255.0000, 0.0000,
0.0000

■ 40.6920, 3.6028,
-35.6869

■ 114.2360, 1.8557,
-35.2870

■ 25.3840, 0.7967,
-22.2618

■ 140.2360, 1.8557,
-35.2870

■ 6.4570, -3.1833,
-5.6628

■ 167.4100, 1.2769,
-36.3166

■ 0.0000, 0.0000,
0.0000

■ 194.5240, 1.7137,
-36.4165

■ 222.8120, 1.5717,
-37.5461

■ 241.1320, 6.3439,

-28.1798

249.6180, 2.6533,
-11.0660

63.2680, 3.3189,
-37.9460

63.2680, 3.3189,
-37.9460

60.6480, 3.6245,
-42.6643

65.8880, 3.0132,
-33.2278

57.7290, 4.0776,
-47.9973

68.8070, 2.5601,
-27.8947

56.8320, 4.5198,
-49.8417

71.4270, 2.2545,
-23.1765

74.2320, 1.3646,
-17.7435

76.8520, 1.0590,
-13.0252

■ 79.4720, 0.7533,
-8.3069

■ 82.3910, 0.3002,
-2.9739

■ 85.0110, -0.0054,
1.7444

■ 87.9300, -0.4585,
7.0774

Harmonies

Analogous

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



68.7130, -8.2395, -17.2883



63.2680, 3.3189, -37.9460



59.4540, 14.5662, -52.1412

Triad

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



63.2680, 3.3189, -37.9460



75.2180, 16.1615, -3.6992



74.6690, -14.6268, 24.8463

Complementary

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



63.2680, 3.3189, -37.9460



40.7320, -3.3189, 37.9460

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.



74.9500, -7.3704, 30.7388



63.2680, 3.3189, -37.9460



76.7320, 9.9921, 15.1440

Square

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



63.2680, 3.3189, -37.9460



69.2150, 20.6000, -27.3756



76.2190, 1.3710, 26.9949



73.3920, -17.9413, 14.5652

Rectangle

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



63.2680, 3.3189, -37.9460



60.1210, 19.6603, -52.7261



76.2190, 1.3710, 26.9949



75.1470, -12.8905, 27.9351

Sweetspot

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



63.2680, 3.3189, -37.9460



101.5420, 1.2118, -15.3843



62.0530, -20.7321, -23.7255



50.8740, 1.0481, -9.5365



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



63.2680, 3.3189, -37.9460



77.5920, 5.1311, -59.2782



54.8850, 14.3537, -30.5941



39.6900, 0.1528, -2.3591



70.9830, 5.4314, -62.2521



156.8180, 11.9217, -137.5294

Inverse Universe

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



40.7320, -3.3189, 37.9460



42.4080, -5.1311, 59.2782



49.1150, -14.3537, 30.5941



38.3100, -0.1528, 2.3591



34.0170, -5.4314, 62.2521



75.1820, -11.9217, 137.5294

Previews

White Background



This preview shows how the YUV color 63.2680, 3.3189, -37.9460 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 ✓ Pass

Black Background



This preview shows how the YUV color 63.2680, 3.3189, -37.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

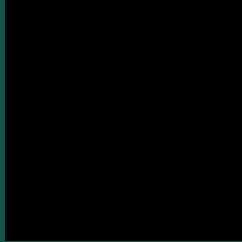
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2680, 3.3189, -37.9460

Background



This preview shows how black text looks on a background with the YUV color 63.2680, 3.3189, -37.9460.



This preview shows how white text looks on a background with the YUV color 63.2680, 3.3189, -37.9460.

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

63.2680, 3.3189, -37.9460

Protanopia

74.1700, -4.5208, 3.3589

Deuteranopia

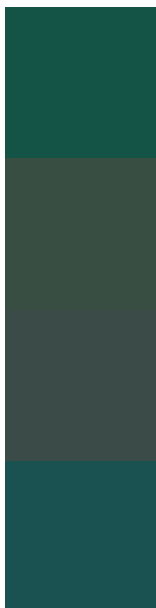
75.1040, -1.0373, 6.0478



Tritanopia

66.5490, 10.5753, -32.0535

Trichromacy



Original Color

63.2680, 3.3189, -37.9460

Protanomaly

70.4670, -1.7092, -11.8106

Deuteranomaly

70.4610, 0.7587, -10.0513

Tritanomaly

65.1420, 7.8180, -34.3275

Monochromacy



Original Color

63.2680, 3.3189, -37.9460

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2540, 1.3538, -14.2548

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2680, 3.3189, -37.9460 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(20, 84, 70)` looks like.

```
.text, #text, p{  
    color:rgb(20, 84, 70)  
}
```

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(20, 84, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 84, 70) }
```

Border

The CSS property to change the border of an element to YUV 63.2680, 3.3189, -37.9460 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(20, 84, 70) }
```


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

```
.border{ border-color:rgb(20, 84, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 84, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 84, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 84, 70);  
box-shadow:4px 4px 4px 4px rgb(20, 84, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2680, 3.3189, -37.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 84, 70) }
```

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

```
.background{ background-color: rgb(20, 84,  
70) }
```

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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