

Converting Colors

YUV(48.8070, 19.3221,
-37.5417)

Have a look what the booklet for
YUV(48.8070, 19.3221, -37.5417)
contains.

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Color

**YUV(48.8070, 19.3221,
-37.5417)**

Conversions

Conversions Part 1

Format	Color
Hex	063F58
RGB	6, 63, 88
RGB Percent	2%, 25%, 35%
CMY	0.9765, 0.7529, 0.6549
CMYK	0.93, 0.28, 0.00, 0.65
HSL	198°, 87%, 18%
HSV	198°, 93%, 35%
XYZ	3.6141, 4.2983, 9.8717
YIQ	48.8070, -41.9970, -4.3090

Conversions

Conversions Part 2

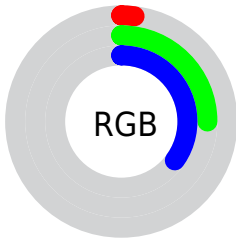
Format	Color
RYB	6, 40, 88
Decimal	409432
CIELab	24.63, -7.01, -19.79
CIELCh	25, 20.995, 250.486
Yxy	4.2983, 0.2032, 0.2417
Android (android.graphics.Color)	4278599512 (0xFF063F58)
YUV	48.8070, 19.3221, -37.5417
Hunter-Lab	20.7324, -5.1656, -13.7182

Details

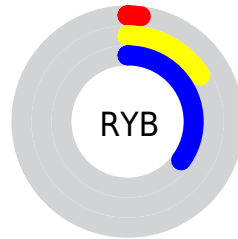
The YUV color **48.8070, 19.3221, -37.5417** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45.1930, -19.3221, 37.5417**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9220, 18.2795, -29.7496**, and **17.1150, 12.2683, -15.0099** is the 20% darker color. If you saturate the color by 10%, you get **45.8390, 20.7854, -40.2008**, and if you desaturate by 10%, it is **53.2590, 17.1273, -33.5531**.

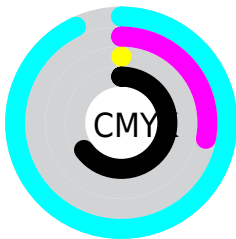
Distribution



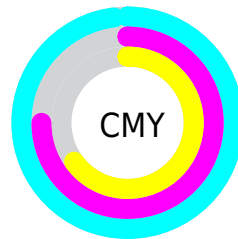
- Red (2%)
- Green (25%)
- Blue (35%)



- Red (2%)
- Yellow (16%)
- Blue (35%)



- Cyan (93%)
- Magenta (28%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8070, 19.3221, -37.5417 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 48.8070, 19.3221, -37.5417 by changing the saturation by 10% instead.

■ 48.8070, 19.3221,
-37.5417

■ 48.8070, 19.3221,
-37.5417

■ 255.0000, 0.0000,
0.0000

■ 31.4770, 16.5268,
-27.6053

■ 100.9220, 18.2795,
-29.7496

■ 17.1150, 12.2683,
-15.0099

■ 126.3350, 18.5688,
-29.2348

■ 3.0950, 9.3202,
-2.7143

■ 152.5630, 19.4424,
-29.4348

■ 0.0000, 0.0000,
0.0000

■ 179.5630, 19.4424,
-29.4348

■ 207.6770, 19.8792,
-29.5347

■ 233.2830, 10.7065,

-27.4352

■ 247.5250, 3.6852,
-15.3694

■ 48.8070, 19.3221,
-37.5417

■ 48.8070, 19.3221,
-37.5417

■ 45.8390, 20.7854,
-40.2008

■ 53.2590, 17.1273,
-33.5531

■ 57.1240, 15.2219,
-29.0497

■ 61.2770, 13.1744,
-25.6759

■ 65.7290, 10.9796,
-21.6873

■ 69.5940, 9.0742,
-17.1839

■ 74.0460, 6.8793,
-13.1953

■ 78.4980, 4.6845,
-9.2067

■ 82.0640, 2.9264,
-5.3181

■ 86.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



47.7480, 15.4072, -41.8750



48.8070, 19.3221, -37.5417



57.0490, 15.7518, -12.3210

Triad

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



48.8070, 19.3221, -37.5417



59.6550, -3.2809, 25.7356



54.6110, -10.1612, -7.5518

Complementary

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



48.8070, 19.3221, -37.5417



45.1930, -19.3221, 37.5417

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.



56.5480, -14.5672, 5.6584



48.8070, 19.3221, -37.5417



58.9230, -9.8220, 23.7465

Square

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



48.8070, 19.3221, -37.5417



59.9730, 4.4503, 19.3177



58.0270, -14.3103, 16.6393



51.2760, -2.1081, -23.9211

Rectangle

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



48.8070, 19.3221, -37.5417



59.4420, 13.0931, 0.4894



58.0270, -14.3103, 16.6393



55.3620, -12.5035, -2.9485

Sweetspot

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



48.8070, 19.3221, -37.5417



99.5620, 7.6109, -14.5249



56.9840, -12.8101, -44.7130



49.4980, 4.6845, -9.2067



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



48.8070, 19.3221, -37.5417



60.0700, 27.0805, -52.6814



24.7400, 31.1872, -16.4350



41.2170, 0.8790, -1.9443



55.6360, 25.3225, -48.7928



122.4710, 55.4768, -107.4071

Inverse Universe

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



37.0160, 12.8101, 44.7130



43.5050, 17.9920, 62.7011



69.2600, -31.1872, 16.4350



40.5380, 0.7208, 2.1592



40.4290, 16.5505, 58.3828



88.8470, 36.5574, 128.1762

Previews

White Background



This preview shows how the YUV color 48.8070, 19.3221, -37.5417 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 48.8070, 19.3221, -37.5417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

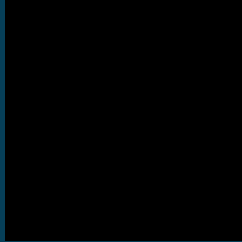
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8070, 19.3221, -37.5417

Background



This preview shows how black text looks on a background with the YUV color 48.8070, 19.3221, -37.5417.



This preview shows how white text looks on a background with the YUV color 48.8070, 19.3221,

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

48.8070, 19.3221, -37.5417

Protanopia

58.8710, 12.3886, -6.9029

Deuteranopia

57.9350, 15.3150, -12.2210



Tritanopia

46.1350, 11.7654, -40.4604

Trichromacy



Original Color

48.8070, 19.3221, -37.5417

Protanomaly

55.3750, 14.6051, -17.8689

Deuteranomaly

54.3360, 17.0894, -21.3427

Tritanomaly

46.9440, 14.8176, -39.4159

Monochromacy



Original Color

48.8070, 19.3221, -37.5417

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7470, 7.0267, -13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8070, 19.3221, -37.5417 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(6, 63, 88)` looks like.

```
.text, #text, p{  
    color:rgb(6, 63, 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(6, 63, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 63, 88) }
```

Border

The CSS property to change the border of an element to YUV 48.8070, 19.3221, -37.5417 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(6, 63, 88) }
```


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

```
.border{ border-color:rgb(6, 63, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 63, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 63, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 63, 88); box-shadow:4px  
4px 4px 4px rgb(6, 63, 88) }
```

Background

The CSS property to change the background color of an element to YUV 48.8070, 19.3221, -37.5417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 63, 88) }
```

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

```
.background{ background-color: rgb(6, 63,  
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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