

Converting Colors

YUV(48.5680, 8.5940, -3.1291)

Have a look what the booklet for
YUV(48.5680, 8.5940, -3.1291)
contains.

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Color

**YUV(48.5680, 8.5940,
-3.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2F42
RGB	45, 47, 66
RGB Percent	18%, 18%, 26%
CMY	0.8235, 0.8157, 0.7412
CMYK	0.32, 0.29, 0.00, 0.74
HSL	234°, 19%, 22%
HSV	234°, 32%, 26%
XYZ	3.0821, 2.9843, 5.5678
YIQ	48.5680, -7.2910, 5.4850

Conversions

Conversions Part 2

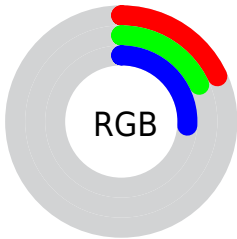
Format	Color
RYB	45, 47, 66
Decimal	2961218
CIELab	19.98, 4.35, -12.20
CIELCh	20, 12.952, 289.640
Yxy	2.9843, 0.2649, 0.2565
Android (android.graphics.Color)	4281151298 (0xFF2D2F42)
YUV	48.5680, 8.5940, -3.1291
Hunter-Lab	17.2750, 1.6152, -7.0170




Details

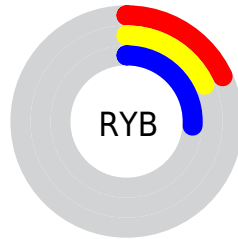
The YUV color **48.5680, 8.5940, -3.1291** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.4320, -8.5940, 3.1291**, and the grayscale version is **48.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **94.7960, 9.4676, -3.3291**, and **2.7360, 10.4832, -2.3995** is the 20% darker color. If you saturate the color by 10%, you get **42.9530, 11.3622, -4.3438**, and if you desaturate by 10%, it is **54.1830, 5.8258, -1.9145**.

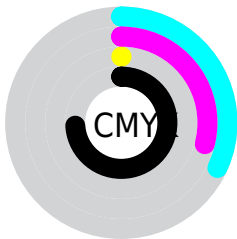
Distribution







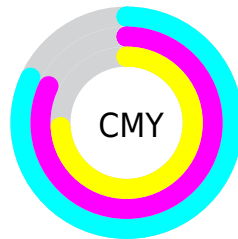
-  Red (18%)
-  Green (18%)
-  Blue (26%)






-  Red (18%)
-  Yellow (18%)
-  Blue (26%)



-  Cyan (32%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (82%)
-  Magenta (82%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.5680, 8.5940, -3.1291 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 48.5680, 8.5940, -3.1291 by changing the saturation by 10% instead.

■ 48.5680, 8.5940,
-3.1291

■ 48.5680, 8.5940,
-3.1291

■ 255.0000, 0.0000,
0.0000

■ 27.4540, 8.1572,
-3.0292

■ 94.7960, 9.4676,
-3.3291

■ 2.7360, 10.4832,
-2.3995

■ 119.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 145.3230, 10.1938,
-2.9143

■ 171.4370, 10.6306,
-3.0142

■ 199.4370, 10.6306,
-3.0142

■ 227.4370, 10.6306,

-3.0142

252.9290, 1.0210,
-0.8147

48.5680, 8.5940,
-3.1291

48.5680, 8.5940,
-3.1291

42.9530, 11.3622,
-4.3438

54.1830, 5.8258,
-1.9145

37.6370, 13.9830,
-4.9436

59.4990, 3.2050,
-1.3146

32.0220, 16.7512,
-6.1583

65.1140, 0.4368,
-0.1000

26.7060, 19.3719,
-6.7582

70.4300, -2.1840,
0.4999

21.0910, 22.1401,
-7.9728

76.0450, -4.9522,
1.7145

■ 15.4760, 24.9083,
-9.1875

■ 81.6600, -7.7204,
2.9292

■ 11.0460, 27.0923,
-9.6873

■ 86.9760, -10.3412,
3.5290

■ 92.5910, -13.1094,
4.7437

■ 97.9070, -15.7302,
5.3436

Harmonies

Analogous

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



46.2570, 10.2263, -13.3804



48.5680, 8.5940, -3.1291



49.8250, 5.5093, 6.2925

Triad

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



48.5680, 8.5940, -3.1291



48.5520, -7.1741, 14.4249



44.3140, 0.3382, -15.1844

Complementary

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



48.5680, 8.5940, -3.1291



62.4320, -8.5940, 3.1291

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.



45.9900, -4.9251, -7.0072



48.5680, 8.5940, -3.1291



48.3510, -9.0470, 8.4622

Square

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



48.5680, 8.5940, -3.1291



48.8880, -3.3958, 15.8842



47.1220, -8.4411, 0.7700



42.6490, 5.5960, -21.6172

Rectangle

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



48.5680, 8.5940, -3.1291



49.7610, 2.5828, 11.6106



47.1220, -8.4411, 0.7700



44.7550, -1.8512, -12.9401

Sweetspot

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



48.5680, 8.5940, -3.1291



79.6130, 3.6418, -1.4146



59.4930, 2.2220, -12.7104



39.1570, 1.8946, -1.0147



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



48.5680, 8.5940, -3.1291



59.5230, 13.5462, -4.8437



49.7860, 7.9935, 2.8187



30.3420, 1.3104, -0.2999



16.3410, 39.7649, -14.3311



37.8630, 91.7655, -33.2059

Inverse Universe

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



51.5070, -2.2220, 12.7104



64.2090, -3.5540, 19.9877



61.2140, -7.9935, -2.8187



30.8970, -0.4422, 1.8443



30.0290, -10.3673, 58.7336



69.3700, -23.8464, 135.6105

Previews

White Background



This preview shows how the YUV color 48.5680, 8.5940, -3.1291 looks on a white background.

Color Contrast Check

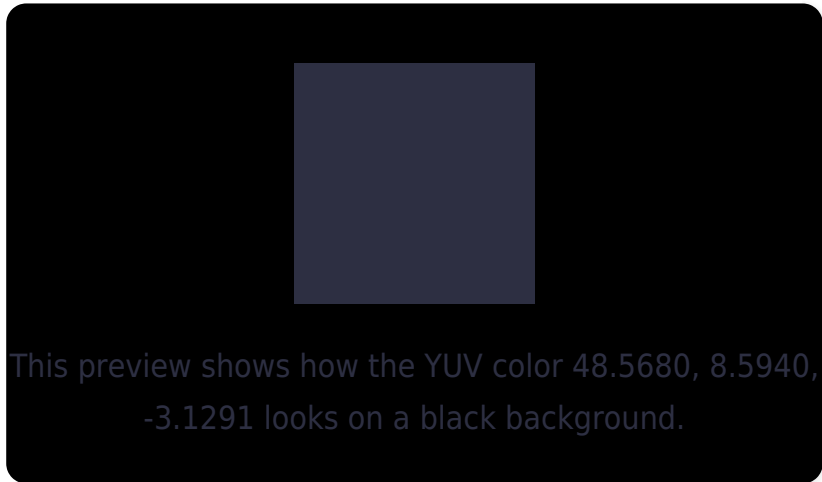
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

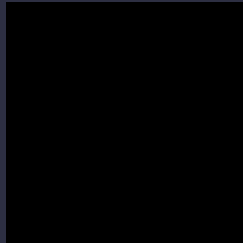
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

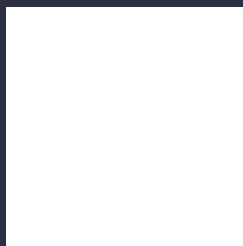
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 48.5680, 8.5940, -3.1291

Background



This preview shows how black text looks on a background with the YUV color 48.5680, 8.5940, -3.1291.



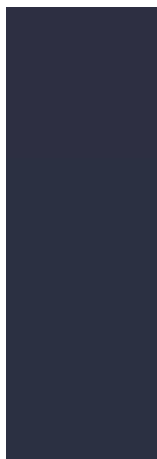
This preview shows how white text looks on a background with the YUV color 48.5680, 8.5940,

-3.1291.

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

48.5680, 8.5940, -3.1291

Protanopia

48.5570, 8.5994, -4.8735

Deuteranopia

48.5570, 8.5994, -4.8735



Tritanopia

47.3630, 2.7790, -4.7034

Trichromacy



Original Color

48.5680, 8.5940, -3.1291

Protanomaly

48.8560, 8.4520, -4.2587

Deuteranomaly

48.8560, 8.4520, -4.2587

Tritanomaly

47.6450, 5.1050, -4.0737

Monochromacy



Original Color

48.5680, 8.5940, -3.1291

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7980, 3.0576, -0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5680, 8.5940, -3.1291 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(45, 47, 66)` looks like.

```
.text, #text, p{  
  color:rgb(45, 47, 66)  
}
```

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(45, 47, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 47, 66) }
```

Border

The CSS property to change the border of an element to YUV 48.5680, 8.5940, -3.1291 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(45, 47, 66) }
```


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

```
.border{ border-color:rgb(45, 47, 66) }
```

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

Here you see how a box with a 4 pixel rgb(45, 47, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 47, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 47, 66);  
box-shadow:4px 4px 4px 4px rgb(45, 47, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.5680, 8.5940, -3.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 47, 66) }
```

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

```
.background{ background-color: rgb(45, 47,  
66) }
```

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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