

Converting Colors

YUV(57.3460, 31.8744,
-50.2924)

Have a look what the booklet for
YUV(57.3460, 31.8744, -50.2924)
contains.

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Color

**YUV(57.3460, 31.8744,
-50.2924)**

Conversions

Conversions Part 1

Format	Color
Hex	004A7A
RGB	0, 74, 122
RGB Percent	0%, 29%, 48%
CMY	1.0000, 0.7098, 0.5216
CMYK	1.00, 0.39, 0.00, 0.52
HSL	204°, 100%, 24%
HSV	204°, 100%, 48%
XYZ	5.9616, 6.3027, 19.3147
YIQ	57.3460, -59.5120, -0.7600

Conversions

Conversions Part 2

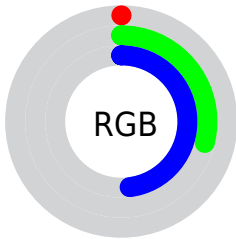
Format	Color
RYB	0, 46, 122
Decimal	19066
CIELab	30.16, -0.32, -32.78
CIELCh	30, 32.785, 269.440
Yxy	6.3027, 0.1888, 0.1996
Android (android.graphics.Color)	4278209146 (0xFF004A7A)
YUV	57.3460, 31.8744, -50.2924
Hunter-Lab	25.1052, -1.5463, -28.0412

Details

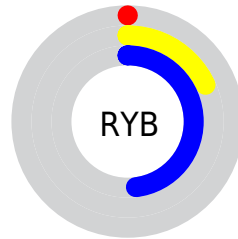
The YUV color **57.3460, 31.8744, -50.2924** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **64.6540, -31.8744, 50.2924**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9890, 30.0784, -34.1934**, and **26.5190, 22.9151, -23.2572** is the 20% darker color. If you saturate the color by 10%, you get **57.3460, 31.8744, -50.2924**, and if you desaturate by 10%, it is **63.8690, 28.6586, -45.4891**.

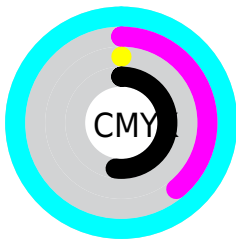
Distribution



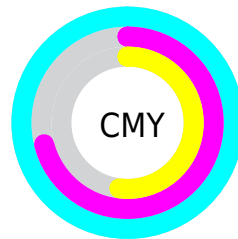
- Red (0%)
- Green (29%)
- Blue (48%)



- Red (0%)
- Yellow (18%)
- Blue (48%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.3460, 31.8744, -50.2924 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 57.3460, 31.8744, -50.2924 by changing the saturation by 10% instead.

■ 57.3460, 31.8744,
-50.2924

■ 57.3460, 31.8744,
-50.2924

■ 255.0000, 0.0000,
0.0000

■ 41.5820, 27.3211,
-36.4674

■ 113.9890, 30.0784,
-34.1934

■ 26.5190, 22.9151,
-23.2572

■ 140.7010, 30.2204,
-33.0638

■ 8.6350, 20.3929,
-7.5729

■ 167.9290, 31.0940,
-33.2637

■ 4.3660, 11.6516,
-3.8290

■ 194.8860, 29.6362,
-32.3490

■ 0.0000, 0.0000,
0.0000

■ 219.9930, 17.2585,
-28.9349

■ 243.3390, 5.7489,

-23.9763

■ 252.0100, 1.4741,
-6.1478

■ 57.3460, 31.8744,
-50.2924

■ 63.8690, 28.6586,
-45.4891

■ 70.3920, 25.4427,
-40.6858

■ 76.6270, 22.3689,
-34.7529

■ 83.1500, 19.1531,
-29.9495

■ 89.6730, 15.9372,
-25.1462

■ 96.1960, 12.7214,
-20.3429

■ 102.7190, 9.5055,
-15.5396

■ 108.9540, 6.4317,
-9.6067

■ 115.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



60.0700, 27.0805, -52.6814



57.3460, 31.8744, -50.2924



72.0210, 21.6816, -0.8954

Triad

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



57.3460, 31.8744, -50.2924



69.9790, -11.3286, 40.3604



59.7390, -7.7593, -31.3431

Complementary

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



57.3460, 31.8744, -50.2924



64.6540, -31.8744, 50.2924

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.



65.8750, -20.6444, -5.1524



57.3460, 31.8744, -50.2924



69.6930, -21.0476, 30.9642

Square

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



57.3460, 31.8744, -50.2924



71.1820, 0.8963, 39.3054



68.3290, -25.7982, 14.6205



56.7010, 6.5564, -49.7268

Rectangle

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



57.3460, 31.8744, -50.2924



73.1220, 15.2229, 17.4330



68.3290, -25.7982, 14.6205



62.4260, -13.0280, -21.4216

Sweetspot

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



57.3460, 31.8744, -50.2924



132.7940, 12.4266, -19.1133



76.9720, -14.7762, -67.5044



64.1710, 7.3107, -11.5510



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



57.3460, 31.8744, -50.2924



74.3640, 41.2325, -65.2172



22.1260, 49.2379, -19.4045



58.0320, 1.4632, -2.6591



58.8620, 32.6060, -51.6220



118.5390, 65.7963, -103.9587

Inverse Universe

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



44.9140, 14.3394, 67.6044



58.1860, 18.6423, 87.5369



99.8740, -49.2379, 19.4045



57.2500, 0.8628, 3.2887



46.0390, 14.7708, 69.2488



92.7900, 29.6835, 139.6272

Previews

White Background



This preview shows how the YUV color 57.3460, 31.8744, -50.2924 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 57.3460, 31.8744, -50.2924 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 57.3460, 31.8744, -50.2924

Background



This preview shows how black text looks on a background with the YUV color 57.3460, 31.8744, -50.2924.



This preview shows how white text looks on a background with the YUV color 57.3460, 31.8744,

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

57.3460, 31.8744, -50.2924

Protanopia

70.0900, 23.6196, -15.8649

Deuteranopia

66.0390, 27.5888, -28.9752



Tritanopia

56.0630, 14.2659, -49.1673

Trichromacy



Original Color

57.3460, 31.8744, -50.2924

Protanomaly

65.1100, 26.5678, -28.1605

Deuteranomaly

63.0380, 29.0683, -36.8673

Tritanomaly

56.3710, 20.5231, -49.4374

Monochromacy



Original Color

57.3460, 31.8744, -50.2924

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9790, 11.8424, -18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3460, 31.8744, -50.2924 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(0, 74, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 122)  
}
```

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(0, 74, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 122) }
```

Border

The CSS property to change the border of an element to YUV 57.3460, 31.8744, -50.2924 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(0, 74, 122) }
```


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

```
.border{ border-color:rgb(0, 74, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 122)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.3460, 31.8744, -50.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 122) }
```

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

```
.background{ background-color: rgb(0, 74,  
122) }
```

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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