

Converting Colors

YUV(58.0640, 29.5484,
-50.9221)

Have a look what the booklet for
YUV(58.0640, 29.5484, -50.9221)
contains.

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Color

**YUV(58.0640, 29.5484,
-50.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	004C76
RGB	0, 76, 118
RGB Percent	0%, 30%, 46%
CMY	1.0000, 0.7020, 0.5373
CMYK	1.00, 0.36, 0.00, 0.54
HSL	201°, 100%, 23%
HSV	201°, 100%, 46%
XYZ	5.8545, 6.4769, 18.0811
YIQ	58.0640, -58.7780, -3.0500

Conversions

Conversions Part 2

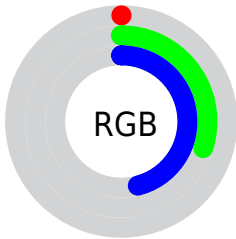
Format	Color
RYB	0, 46, 118
Decimal	19574
CIELab	30.59, -3.33, -29.61
CIELCh	31, 29.799, 263.575
Yxy	6.4769, 0.1925, 0.2130
Android (android.graphics.Color)	4278209654 (0xFF004C76)
YUV	58.0640, 29.5484, -50.9221
Hunter-Lab	25.4497, -3.4749, -24.3087

Details

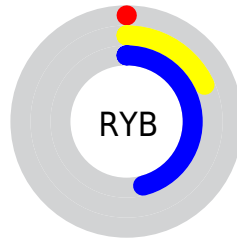
The YUV color **58.0640, 29.5484, -50.9221** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.9360, -29.5484, 50.9221**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5820, 27.3211, -36.4674**, and **27.2370, 20.5892, -23.8868** is the 20% darker color. If you saturate the color by 10%, you get **58.0640, 29.5484, -50.9221**, and if you desaturate by 10%, it is **64.0000, 26.6220, -45.6040**.

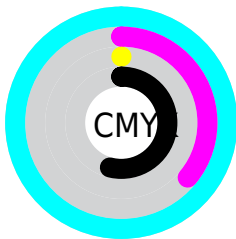
Distribution



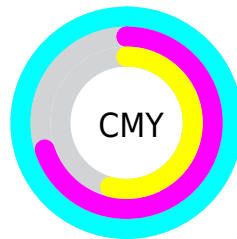
- Red (0%)
- Green (30%)
- Blue (46%)



- Red (0%)
- Yellow (18%)
- Blue (46%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (70%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0640, 29.5484, -50.9221 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 58.0640, 29.5484, -50.9221 by changing the saturation by 10% instead.

■ 58.0640, 29.5484,
-50.9221

■ 58.0640, 29.5484,
-50.9221

■ 255.0000, 0.0000,
0.0000

■ 42.3000, 24.9951,
-37.0971

■ 114.5820, 27.3211,
-36.4674

■ 27.2370, 20.5892,
-23.8868

■ 140.8210, 28.1892,
-34.9230

■ 10.0540, 18.2144,
-8.8174

■ 168.2340, 28.4786,
-34.4082

■ 3.4370, 10.6306,
-3.0142

■ 195.7610, 29.2048,
-33.9934

■ 0.0000, 0.0000,
0.0000

■ 221.1560, 16.6851,
-31.7088

■ 242.7410, 6.0437,

-25.2059

■ 251.4120, 1.7689,
-7.3773

■ 58.0640, 29.5484,
-50.9221

■ 64.0000, 26.6220,
-45.6040

■ 69.9360, 23.6956,
-40.2859

■ 76.1600, 20.6271,
-36.0973

■ 82.0960, 17.7007,
-30.7792

■ 88.0320, 14.7742,
-25.4611

■ 93.9680, 11.8478,
-20.1429

■ 99.9040, 8.9213,
-14.8248

■ 106.1280, 5.8529,
-10.6363

■ 112.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



59.9730, 24.1703, -52.5963



58.0640, 29.5484, -50.9221



72.4610, 20.9717, -6.5433

Triad

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



58.0640, 29.5484, -50.9221



71.7660, -8.2656, 37.9162



64.1100, -10.4072, -22.0215

Complementary

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



58.0640, 29.5484, -50.9221



59.9360, -29.5484, 50.9221

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.



67.7230, -20.0764, -0.6341



58.0640, 29.5484, -50.9221



70.9040, -17.7007, 30.7792

Square

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



58.0640, 29.5484, -50.9221



72.9040, 2.5123, 34.2872



70.1490, -22.7515, 17.4093



56.2450, 4.8092, -49.3269

Rectangle

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



58.0640, 29.5484, -50.9221



74.4910, 15.5339, 10.9704



70.1490, -22.7515, 17.4093



65.8290, -14.2127, -14.7590

Sweetspot

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



58.0640, 29.5484, -50.9221



129.8540, 11.4110, -20.0430



73.9400, -16.2394, -64.8454



62.7580, 7.0213, -12.0658



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



58.0640, 29.5484, -50.9221



75.5550, 38.1804, -66.2617



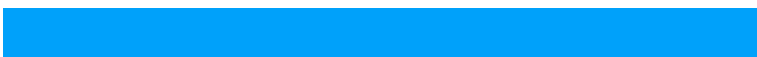
24.0180, 46.3331, -21.0638



56.0320, 1.4632, -2.6591



60.2810, 30.4275, -52.8664



123.0070, 62.6075, -107.8771

Inverse Universe

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



43.9460, 15.8026, 64.9454



57.0330, 20.6897, 84.1631



93.9820, -46.3331, 21.0638



55.2500, 0.8628, 3.2888



45.4840, 16.5234, 67.1045



93.1040, 33.4727, 137.5978

Previews

White Background



This preview shows how the YUV color 58.0640, 29.5484, -50.9221 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 58.0640, 29.5484, -50.9221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

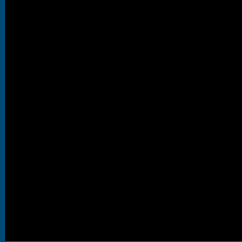
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0640, 29.5484, -50.9221

Background



This preview shows how black text looks on a background with the YUV color 58.0640, 29.5484, -50.9221.



This preview shows how white text looks on a background with the YUV color 58.0640, 29.5484,

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

58.0640, 29.5484, -50.9221

Protanopia

71.3030, 20.5566, -13.4207

Deuteranopia

69.2740, 24.5149, -23.0423



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

58.0640, 29.5484, -50.9221

Protanomaly

66.7250, 23.7996, -26.9458

Deuteranomaly

65.0770, 26.5840, -33.3935

Tritanomaly

57.5450, 19.9443, -50.4670

Monochromacy



Original Color

58.0640, 29.5484, -50.9221

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3380, 10.6794, -18.7134

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0640, 29.5484, -50.9221 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, 76, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 118)  
}
```

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, 76, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 118) }
```

Border

The CSS property to change the border of an element to YUV 58.0640, 29.5484, -50.9221 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, 76, 118) }
```


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

```
.border{ border-color:rgb(0, 76, 118) }
```

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

Here you see how a box with a 4 pixel rgb(0, 76, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 118)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.0640, 29.5484, -50.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 118) }
```

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

```
.background{ background-color: rgb(0, 76,  
118) }
```

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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