

Converting Colors

YUV(58.4570, 23.4387,
-51.2668)

Have a look what the booklet for
YUV(58.4570, 23.4387, -51.2668)
contains.

YUV(58.4570, 23.4387, -51.2668)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(58.4570, 23.4387,
-51.2668)**

Conversions

Conversions Part 1

Format	Color
Hex	004F6A
RGB	0, 79, 106
RGB Percent	0%, 31%, 42%
CMY	1.0000, 0.6902, 0.5843
CMYK	1.00, 0.25, 0.00, 0.58
HSL	195°, 100%, 21%
HSV	195°, 100%, 42%
XYZ	5.3975, 6.6326, 14.6314
YIQ	58.4570, -55.7510, -8.3510

Conversions

Conversions Part 2

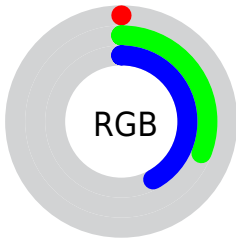
Format	Color
RYB	0, 45, 106
Decimal	20330
CIELab	30.96, -10.21, -21.48
CIELCh	31, 23.785, 244.585
Yxy	6.6326, 0.2024, 0.2488
Android (android.graphics.Color)	4278210410 (0xFF004F6A)
YUV	58.4570, 23.4387, -51.2668
Hunter-Lab	25.7538, -7.6589, -15.6566

Details

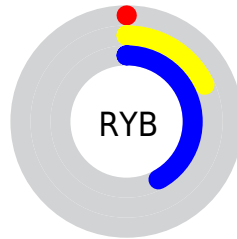
The YUV color **58.4570, 23.4387, -51.2668** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **47.5430, -23.4387, 51.2668**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9640, 21.2167, -38.5564**, and **27.2710, 15.6424, -23.9167** is the 20% darker color. If you saturate the color by 10%, you get **58.4570, 23.4387, -51.2668**, and if you desaturate by 10%, it is **63.5070, 20.9490, -46.0486**.

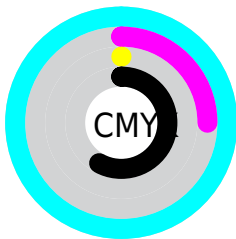
Distribution



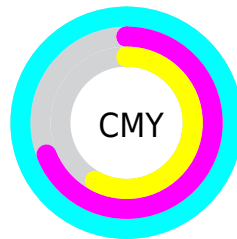
- Red (0%)
- Green (31%)
- Blue (42%)



- Red (0%)
- Yellow (18%)
- Blue (42%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.4570, 23.4387, -51.2668 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 58.4570, 23.4387, -51.2668 by changing the saturation by 10% instead.

■ 58.4570, 23.4387,
-51.2668

■ 58.4570, 23.4387,
-51.2668

■ 255.0000, 0.0000,
0.0000

■ 42.2200, 19.6115,
-37.0269

■ 113.9640, 21.2167,
-38.5564

■ 27.2710, 15.6424,
-23.9167

■ 140.6760, 21.3587,
-37.4269

■ 9.5010, 13.5570,
-8.3324

■ 167.7900, 21.7955,
-37.5268

■ 2.1830, 5.8258,
-1.9145

■ 195.2030, 22.0849,
-37.0120

■ 0.0000, 0.0000,
0.0000

■ 222.3080, 16.1172,
-36.2271

■ 241.2460, 6.7807,

-28.2797

■ 249.9170, 2.5059,
-10.4512

■ 58.4570, 23.4387,
-51.2668

■ 63.5070, 20.9490,
-46.0486

■ 67.6710, 18.8962,
-40.9305

■ 72.7210, 16.4065,
-35.7123

■ 77.4720, 14.0643,
-31.1089

■ 82.5220, 11.5747,
-25.8908

■ 86.9850, 9.3744,
-20.1578

■ 91.7360, 7.0322,
-15.5545

■ 96.7860, 4.5425,
-10.3363

■ 100.9500, 2.4896,
-5.2182

Harmonies

Analogous

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



58.7360, 16.8922, -51.5115



58.4570, 23.4387, -51.2668



70.6290, 19.4099, -18.9686

Triad

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



58.4570, 23.4387, -51.2668



74.4320, -1.6920, 29.4391



68.9980, -13.8030, -6.1372

Complementary

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



58.4570, 23.4387, -51.2668



47.5430, -23.4387, 51.2668

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.



71.3590, -17.9250, 9.3322



58.4570, 23.4387, -51.2668



73.2550, -9.9857, 29.5944

Square

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



58.4570, 23.4387, -51.2668



75.2550, 6.7763, 19.9474



72.3050, -15.9264, 21.6575



65.5920, -4.7289, -23.3212

Rectangle

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



58.4570, 23.4387, -51.2668



73.6310, 16.4509, -3.1844



72.3050, -15.9264, 21.6575



69.5750, -15.5665, -0.5043

Sweetspot

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



58.4570, 23.4387, -51.2668



118.9850, 9.3744, -20.1578



65.3000, -18.8819, -57.2681



58.0030, 5.4215, -12.2806



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



58.4570, 23.4387, -51.2668



76.1930, 30.4709, -66.8213



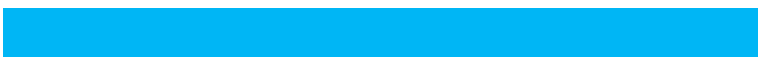
27.9330, 38.4870, -24.4972



51.0320, 1.4632, -2.6591



64.4070, 25.9283, -56.4849



134.7640, 54.3463, -118.1880

Inverse Universe

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



40.7000, 18.8819, 57.2681



53.0040, 24.6480, 74.5415



78.6540, -38.7764, 23.9824



50.2500, 0.8628, 3.2887



44.9010, 20.7548, 63.2308



94.0030, 43.3825, 132.4244

Previews

White Background



This preview shows how the YUV color 58.4570, 23.4387, -51.2668 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 58.4570, 23.4387, -51.2668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

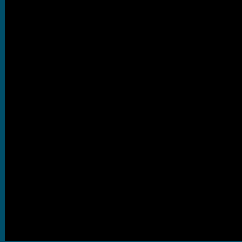
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.4570, 23.4387, -51.2668

Background



This preview shows how black text looks on a background with the YUV color 58.4570, 23.4387, -51.2668.



This preview shows how white text looks on a background with the YUV color 58.4570, 23.4387,

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



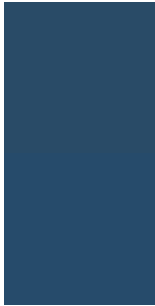
Protanopia

73.2130, 13.6990, -7.2028

Deuteranopia

72.6900, 16.9148, -12.0061

Trichromacy



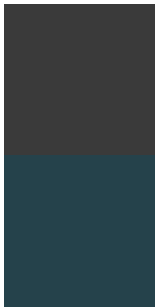
Protanomaly

68.0260, 17.2422, -23.7018

Deuteranomaly

67.5850, 19.4316, -25.9460

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.3550, 8.2060, -18.7283

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.4570, 23.4387, -51.2668 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, 79, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 106)  
}
```

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, 79, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 106) }
```

Border

The CSS property to change the border of an element to YUV 58.4570, 23.4387, -51.2668 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, 79, 106) }
```

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

```
.border{ border-color:rgb(0, 79, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 106)  
}
```


Background

The CSS property to change the background color of an element to YUV 58.4570, 23.4387, -51.2668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 106) }
```

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

```
.background{ background-color: rgb(0, 79,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor