

Converting Colors

YUV(57.1460, 28.5220,
-48.3630)

Have a look what the booklet for
YUV(57.1460, 28.5220, -48.3630)
contains.

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Color

**YUV(57.1460, 28.5220,
-48.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	024A73
RGB	2, 74, 115
RGB Percent	1%, 29%, 45%
CMY	0.9922, 0.7098, 0.5490
CMYK	0.98, 0.36, 0.00, 0.55
HSL	202°, 97%, 23%
HSV	202°, 98%, 45%
XYZ	5.5683, 6.1483, 17.1129
YIQ	57.1460, -56.0730, -2.5130

Conversions

Conversions Part 2

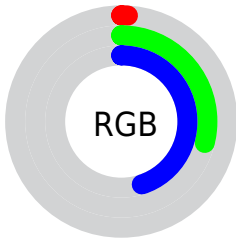
Format	Color
R_{YB}	2, 46, 115
Decimal	150131
CIE _{Lab}	29.78, -3.15, -29.00
CIE _{LCh}	30, 29.166, 263.799
Yxy	6.1483, 0.1931, 0.2133
Android (android.graphics.Color)	4278340211 (0xFF024A73)
YUV	57.1460, 28.5220, -48.3630
Hunter-Lab	24.7957, -3.3071, -23.5624

Details

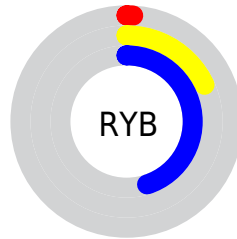
The YUV color **57.1460, 28.5220, -48.3630** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.8540, -28.5220, 48.3630**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4790, 26.8789, -34.6231**, and **25.7210, 19.8575, -22.5573** is the 20% darker color. If you saturate the color by 10%, you get **55.9610, 29.1062, -49.0778**, and if you desaturate by 10%, it is **62.7830, 25.7430, -43.6597**.

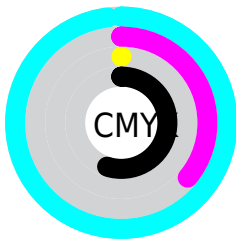
Distribution



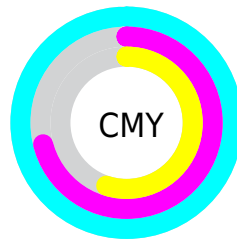
- Red (1%)
- Green (29%)
- Blue (45%)



- Red (1%)
- Yellow (18%)
- Blue (45%)



- Cyan (98%)
- Magenta (36%)
- Yellow (0%)
- Black (55%)



- Cyan (99%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1460, 28.5220, -48.3630 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 57.1460, 28.5220, -48.3630 by changing the saturation by 10% instead.

■ 57.1460, 28.5220,
-48.3630

■ 57.1460, 28.5220,
-48.3630

■ 255.0000, 0.0000,
0.0000

■ 40.7840, 24.2635,
-35.7676

■ 112.4790, 26.8789,
-34.6231

■ 25.7210, 19.8575,
-22.5573

■ 139.3050, 27.4576,
-33.5935

■ 6.7770, 18.3509,
-5.9434

■ 166.4190, 27.8944,
-33.6935

■ 3.2090, 9.7570,
-2.8143

■ 193.8320, 28.1838,
-33.1787

■ 0.0000, 0.0000,
0.0000

■ 219.0960, 17.7007,
-30.7792

■ 242.4420, 6.1911,

-25.8206

251.1130, 1.9163,
-7.9921

57.1460, 28.5220,
-48.3630

57.1460, 28.5220,
-48.3630

55.9610, 29.1062,
-49.0778

62.7830, 25.7430,
-43.6597

68.7190, 22.8165,
-38.3416

75.2420, 19.6007,
-33.5382

80.8790, 16.8217,
-28.8349

86.8150, 13.8952,
-23.5168

■ 92.4520, 11.1162,
-18.8134

■ 98.3880, 8.1897,
-13.4953

■ 104.0250, 5.4107,
-8.7919

■ 110.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



58.4570, 23.4387, -51.2668



57.1460, 28.5220, -48.3630



70.6460, 20.3875, -5.8285

Triad

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



57.1460, 28.5220, -48.3630



70.0540, -8.4076, 36.7866



62.2240, -9.9704, -22.1214

Complementary

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



57.1460, 28.5220, -48.3630



59.8540, -28.5220, 48.3630

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.



65.9510, -19.2028, -0.8340



57.1460, 28.5220, -48.3630



69.6050, -17.5533, 30.1644

Square

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



57.1460, 28.5220, -48.3630



71.1920, 2.3703, 33.1576



67.9640, -22.1673, 16.6946



54.9570, 4.9512, -48.1973

Rectangle

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



57.1460, 28.5220, -48.3630



72.3770, 15.0971, 11.0704



67.9640, -22.1673, 16.6946



64.2420, -13.9233, -14.2442

Sweetspot

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



57.1460, 28.5220, -48.3630



128.3380, 10.6794, -18.7134



72.8910, -15.2293, -62.1714



63.0570, 6.8739, -11.4510



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.



57.1460, 28.5220, -48.3630



73.4520, 37.7382, -64.4174



24.8610, 44.4385, -20.0491



56.0320, 1.4632, -2.6591



59.6940, 30.7169, -52.3516



121.8330, 63.1863, -106.8475

Inverse Universe

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



43.9950, 14.7925, 62.2714



55.7940, 19.8216, 82.6187



92.1390, -44.4385, 20.0491



55.2500, 0.8628, 3.2888



45.3700, 16.0866, 67.2045



92.8760, 32.5991, 137.7977

Previews

White Background



This preview shows how the YUV color 57.1460, 28.5220, -48.3630 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 57.1460, 28.5220, -48.3630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

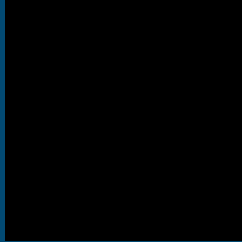
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1460, 28.5220, -48.3630

Background



This preview shows how black text looks on a background with the YUV color 57.1460, 28.5220, -48.3630.



This preview shows how white text looks on a background with the YUV color 57.1460, 28.5220,

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

57.1460, 28.5220, -48.3630

Protanopia

69.6020, 20.4092, -12.8060

Deuteranopia

67.4590, 23.9307, -22.3275



Tritanopia

55.3620, 14.1185, -48.5525

Trichromacy



Original Color

57.1460, 28.5220, -48.3630

Protanomaly

65.2090, 23.0680, -25.6163

Deuteranomaly

63.5610, 25.8524, -32.0640

Tritanomaly

56.3280, 19.0653, -48.5227

Monochromacy



Original Color

57.1460, 28.5220, -48.3630

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9360, 10.3846, -17.4839

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1460, 28.5220, -48.3630 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(2, 74, 115)` looks like.

```
.text, #text, p{  
    color:rgb(2, 74, 115)  
}
```

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(2, 74, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 74, 115) }
```

Border

The CSS property to change the border of an element to YUV 57.1460, 28.5220, -48.3630 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(2, 74, 115) }
```


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

```
.border{ border-color:rgb(2, 74, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 74, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 74, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 74, 115);  
box-shadow:4px 4px 4px 4px rgb(2, 74, 115)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.1460, 28.5220, -48.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 74, 115) }
```

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

```
.background{ background-color: rgb(2, 74,  
115) }
```

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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