

Converting Colors

YUV(58.2580, 35.3688,
-51.0923)

Have a look what the booklet for
YUV(58.2580, 35.3688, -51.0923)
contains.

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Color

**YUV(58.2580, 35.3688,
-51.0923)**

Conversions

Conversions Part 1

Format	Color
Hex	004A82
RGB	0, 74, 130
RGB Percent	0%, 29%, 51%
CMY	1.0000, 0.7098, 0.4902
CMYK	1.00, 0.43, 0.00, 0.49
HSL	206°, 100%, 25%
HSV	206°, 100%, 51%
XYZ	6.4780, 6.5093, 22.0341
YIQ	58.2580, -62.0800, 1.7280

Conversions

Conversions Part 2

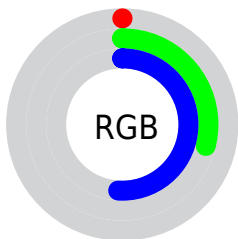
Format	Color
RYB	0, 47, 130
Decimal	19074
CIELab	30.66, 3.11, -36.97
CIELCh	31, 37.098, 274.805
Yxy	6.5093, 0.1850, 0.1859
Android (android.graphics.Color)	4278209154 (0xFF004A82)
YUV	58.2580, 35.3688, -51.0923
Hunter-Lab	25.5133, 0.6745, -33.3455

Details

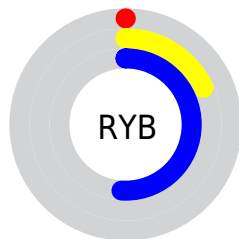
The YUV color **58.2580, 35.3688, -51.0923** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **71.7420, -35.3688, 51.0923**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4990, 33.2780, -33.7636**, and **27.3170, 25.9727, -23.9570** is the 20% darker color. If you saturate the color by 10%, you get **58.2580, 35.3688, -51.0923**, and if you desaturate by 10%, it is **65.6670, 31.7162, -46.1890**.

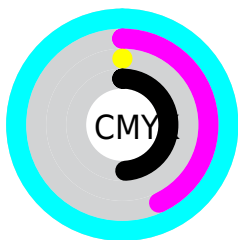
Distribution



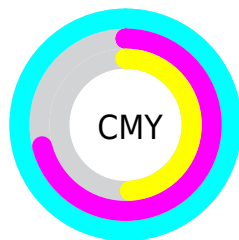
- Red (0%)
- Green (29%)
- Blue (51%)



- Red (0%)
- Yellow (18%)
- Blue (51%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.2580, 35.3688, -51.0923 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 58.2580, 35.3688, -51.0923 by changing the saturation by 10% instead.

■ 58.2580, 35.3688,
-51.0923

■ 58.2580, 35.3688,
-51.0923

■ 255.0000, 0.0000,
0.0000

■ 42.4940, 30.8155,
-37.2672

■ 115.4990, 33.2780,
-33.7636

■ 27.3170, 25.9727,
-23.9570

■ 142.3250, 33.8568,
-32.7340

■ 9.4330, 23.4505,
-8.2727

■ 169.2650, 34.8724,
-31.8044

■ 5.0500, 14.2723,
-4.4289

■ 196.0820, 29.0466,
-29.8899

■ 1.0260, 3.9312,
-0.8998

■ 220.8900, 16.8162,
-27.0905

■ 0.0000, 0.0000,
0.0000

■ 244.2360, 5.3067,

-22.1320

■ 253.2060, 0.8844,
-3.6887

■ 58.2580, 35.3688,
-51.0923

■ 65.6670, 31.7162,
-46.1890

■ 72.4890, 28.3529,
-40.7709

■ 79.8980, 24.7003,
-35.8675

■ 86.7200, 21.3370,
-30.4494

■ 94.1290, 17.6844,
-25.5461

■ 101.5380, 14.0318,
-20.6428

■ 108.3600, 10.6685,
-15.2247

■ 115.7690, 7.0159,
-10.3214

■ 122.5910, 3.6526,
-4.9033

Harmonies

Analogous

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



62.2700, 30.4329, -54.6108



58.2580, 35.3688, -51.0923



73.6950, 22.8284, 4.6525

Triad

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



58.2580, 35.3688, -51.0923



70.2030, -14.3971, 44.5490



54.5520, -4.2161, -47.8421

Complementary

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



58.2580, 35.3688, -51.0923



71.7420, -35.3688, 51.0923

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.



65.0870, -22.2279, -10.6003



58.2580, 35.3688, -51.0923



70.1400, -25.7050, 31.4492

Square

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



58.2580, 35.3688, -51.0923



70.7700, -0.8726, 46.6827



67.7650, -30.4501, 13.3611



59.1460, 8.3090, -51.8710

Rectangle

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



58.2580, 35.3688, -51.0923



74.2800, 15.6380, 24.3104



67.7650, -30.4501, 13.3611



59.8160, -11.2483, -32.2876

Sweetspot

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



58.2580, 35.3688, -51.0923



140.7230, 13.4476, -19.9281



82.4660, -14.0337, -72.3227



67.3990, 8.1843, -11.7509



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



58.2580, 35.3688, -51.0923



75.5040, 45.6005, -66.2170



21.2770, 53.6004, -18.6599



60.1460, 1.9000, -2.7590



57.4430, 34.7846, -50.3775



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.3060, 13.1601, 72.5226



61.1760, 17.1682, 93.6846



108.7230, -53.6004, 18.6599



59.5490, 0.7153, 3.9035



46.5940, 13.0182, 71.3931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 58.2580, 35.3688, -51.0923 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 58.2580, 35.3688, -51.0923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

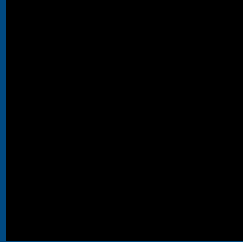
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.2580, 35.3688, -51.0923

Background



This preview shows how black text looks on a background with the YUV color 58.2580, 35.3688, -51.0923.



This preview shows how white text looks on a background with the YUV color 58.2580, 35.3688,

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

70.2080, 27.9985, -20.3534

Deuteranopia

62.4440, 33.3051, -42.4854

Tritanopia

57.3510, 14.1240, -50.2968

Trichromacy



Protanomaly

65.8260, 30.6518, -31.4194

Deuteranomaly

60.9490, 34.0421, -45.5593

Tritanomaly

57.4140, 21.9809, -50.3521

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2070, 12.7159, -18.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.2580, 35.3688, -51.0923 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 130) }
```

Border

The CSS property to change the border of an element to YUV 58.2580, 35.3688, -51.0923 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, 130) }
```

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

```
.border{ border-color:rgb(0, 74, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 130)  
}
```


Background

The CSS property to change the background color of an element to YUV 58.2580, 35.3688, -51.0923 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, 130) }
```

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

```
.background{ background-color: rgb(0, 74,  
130) }
```

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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