

Converting Colors

YUV(58.6630, 44.5361,
-51.4475)

Have a look what the booklet for
YUV(58.6630, 44.5361, -51.4475)
contains.

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Color

**YUV(58.6630, 44.5361,
-51.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	004795
RGB	0, 71, 149
RGB Percent	0%, 28%, 58%
CMY	1.0000, 0.7216, 0.4157
CMYK	1.00, 0.52, 0.00, 0.42
HSL	211°, 100%, 29%
HSV	211°, 100%, 58%
XYZ	7.6781, 6.6764, 29.3178
YIQ	58.6630, -67.3540, 9.2060

Conversions

Conversions Part 2

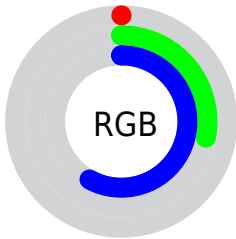
Format	Color
RYB	0, 48, 149
Decimal	18325
CIELab	31.06, 13.30, -48.01
CIELCh	31, 49.821, 285.488
Yxy	6.6764, 0.1758, 0.1529
Android (android.graphics.Color)	4278208405 (0xFF004795)
YUV	58.6630, 44.5361, -51.4475
Hunter-Lab	25.8387, 7.8240, -49.1859

Details

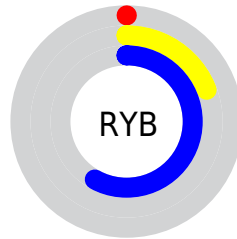
The YUV color **58.6630, 44.5361, -51.4475** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **90.3370, -44.5361, 51.4475**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9260, 42.4345, -30.6301**, and **28.0810, 33.9771, -24.6270** is the 20% darker color. If you saturate the color by 10%, you get **58.6630, 44.5361, -51.4475**, and if you desaturate by 10%, it is **67.8440, 40.0099, -46.3442**.

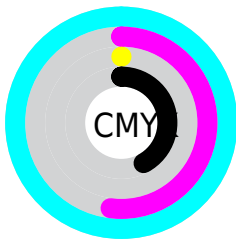
Distribution



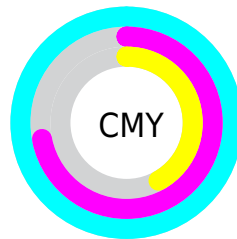
- Red (0%)
- Green (28%)
- Blue (58%)



- Red (0%)
- Yellow (19%)
- Blue (58%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (72%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6630, 44.5361, -51.4475 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 58.6630, 44.5361, -51.4475 by changing the saturation by 10% instead.

■ 58.6630, 44.5361,
-51.4475

■ 58.6630, 44.5361,
-51.4475

■ 255.0000, 0.0000,
0.0000

■ 42.7850, 39.5460,
-37.5224

■ 117.9260, 42.4345,
-30.6301

■ 28.0810, 33.9771,
-24.6270

■ 144.7630, 43.0078,
-27.8562

■ 9.4960, 31.3075,
-8.3280

■ 171.6060, 41.1132,
-26.8415

■ 8.0480, 20.6823,
-7.0581

■ 196.1260, 29.0249,
-22.9125

■ 3.7790, 11.9410,
-3.3142

■ 221.5320, 16.4997,
-18.8836

■ 0.0000, 0.0000,
0.0000

■ 246.6390, 4.1220,

-15.4694

■ 58.6630, 44.5361,
-51.4475

■ 67.8440, 40.0099,
-46.3442

■ 77.0250, 35.4837,
-41.2409

■ 85.6190, 31.2468,
-35.6229

■ 94.8000, 26.7206,
-30.5196

■ 103.9810, 22.1944,
-25.4163

■ 112.8630, 17.8155,
-20.9279

■ 122.0440, 13.2893,
-15.8246

■ 130.6380, 9.0525,
-10.2065

■ 139.8190, 4.5262,
-5.1033

Harmonies

Analogous

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



65.7070, 41.0634, -57.6250



58.6630, 44.5361, -51.4475



74.7170, 26.2685, 21.2962

Triad

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



58.6630, 44.5361, -51.4475



67.2230, -24.7599, 55.0554



58.1710, -3.0423, -51.0160

Complementary

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



58.6630, 44.5361, -51.4475



90.3370, -44.5361, 51.4475

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.



56.1890, -23.7572, -33.4918



58.6630, 44.5361, -51.4475



68.9630, -33.9988, 31.6044

Square

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



58.6630, 44.5361, -51.4475



64.2780, -4.5741, 67.2852



67.0150, -33.0384, 3.4948



63.4320, 14.5770, -55.6299

Rectangle

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



58.6630, 44.5361, -51.4475



70.8790, 17.3147, 46.5871



67.0150, -33.0384, 3.4948



56.1020, -8.4313, -49.2015

Sweetspot

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



58.6630, 44.5361, -51.4475



158.4610, 17.5207, -19.6983



96.2410, -9.4858, -84.4034



75.9690, 10.3683, -12.2508



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



58.6630, 44.5361, -51.4475



76.1200, 58.1148, -66.7572



17.5840, 64.7881, -13.6672



69.5590, 2.1894, -2.2442



54.4740, 41.1783, -47.7737



4.0750, 2.9210, -3.5738

Inverse Universe

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



52.6450, 9.0490, 84.5033



68.4940, 11.5885, 110.0688



131.4160, -64.7881, 13.6672



69.4350, 0.2785, 4.0035



48.7860, 8.4865, 78.2407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 58.6630, 44.5361, -51.4475 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 58.6630, 44.5361, -51.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

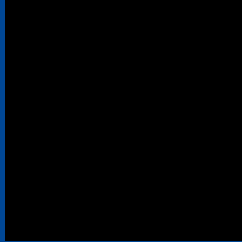
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.6630, 44.5361, -51.4475

Background



This preview shows how black text looks on a background with the YUV color 58.6630, 44.5361, -51.4475.



This preview shows how white text looks on a background with the YUV color 58.6630, 44.5361,

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

63.4470, 42.1776, -41.6110

Tritanopia

58.0520, 14.2714, -50.9116

Trichromacy



Protanomaly

61.6530, 43.0621, -45.2997

Tritanomaly

58.3260, 25.4753, -51.1519

Monochromacy



Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8310, 16.3523, -18.2688

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6630, 44.5361, -51.4475 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, 71, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 149)  
}
```

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, 71, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 149) }
```

Border

The CSS property to change the border of an element to YUV 58.6630, 44.5361, -51.4475 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, 71, 149) }
```

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

```
.border{ border-color:rgb(0, 71, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 149)  
}
```


Background

The CSS property to change the background color of an element to YUV 58.6630, 44.5361, -51.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 149) }
```

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

```
.background{ background-color: rgb(0, 71,  
149) }
```

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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