

Converting Colors

YUV(61.4670, 45.1258,
-53.9066)

Have a look what the booklet for
YUV(61.4670, 45.1258, -53.9066)
contains.

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Color

**YUV(61.4670, 45.1258,
-53.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	004B99
RGB	0, 75, 153
RGB Percent	0%, 29%, 60%
CMY	1.0000, 0.7059, 0.4000
CMYK	1.00, 0.51, 0.00, 0.40
HSL	211°, 100%, 30%
HSV	211°, 100%, 60%
XYZ	8.2658, 7.3321, 31.1166
YIQ	61.4670, -69.7380, 8.3580

Conversions

Conversions Part 2

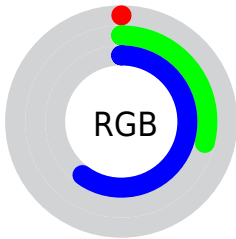
Format	Color
RYB	0, 50, 153
Decimal	19353
CIELab	32.55, 12.25, -48.03
CIELCh	33, 49.566, 284.310
Yxy	7.3321, 0.1769, 0.1570
Android (android.graphics.Color)	4278209433 (0xFF004B99)
YUV	61.4670, 45.1258, -53.9066
Hunter-Lab	27.0778, 7.1033, -49.1789

Details

The YUV color **61.4670, 45.1258, -53.9066** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **91.5330, -45.1258, 53.9066**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0290, 42.8767, -32.4744**, and **30.8850, 34.5667, -27.0861** is the 20% darker color. If you saturate the color by 10%, you get **61.4670, 45.1258, -53.9066**, and if you desaturate by 10%, it is **70.6480, 40.5995, -48.8033**.

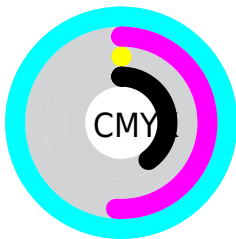
Distribution



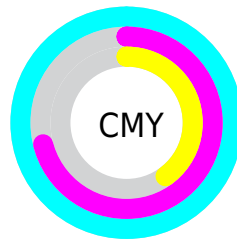
- Red (0%)
- Green (29%)
- Blue (60%)



- Red (0%)
- Yellow (20%)
- Blue (60%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4670, 45.1258, -53.9066 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 61.4670, 45.1258, -53.9066 by changing the saturation by 10% instead.

■ 61.4670, 45.1258,
-53.9066

■ 61.4670, 45.1258,
-53.9066

■ 255.0000, 0.0000,
0.0000

■ 45.5890, 40.1356,
-39.9816

■ 121.0290, 42.8767,
-32.4744

■ 30.8850, 34.5667,
-27.0861

■ 148.5670, 43.5975,
-30.3153

■ 14.0610, 31.0289,
-12.3315

■ 174.5520, 39.6609,
-27.6711

■ 8.9770, 21.7033,
-7.8728

■ 199.0720, 27.5725,
-23.7421

■ 4.7080, 12.9620,
-4.1289

■ 224.1790, 15.1948,
-20.3280

■ 0.2280, 0.8736,
-0.2000

■ 247.8240, 3.5378,

■ 0.0000, 0.0000,

-14.7546

0.0000

■ 61.4670, 45.1258,
-53.9066

■ 70.6480, 40.5995,
-48.8033

■ 80.1280, 35.9259,
-43.0853

■ 88.7220, 31.6891,
-37.4672

■ 97.9030, 27.1628,
-32.3639

■ 107.3830, 22.4892,
-26.6459

■ 116.5640, 17.9629,
-21.5426

■ 125.7450, 13.4367,
-16.4394

■ 134.3390, 9.1999,
-10.8213

■ 143.8190, 4.5262,
-5.1033

Harmonies

Analogous

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



68.3970, 41.2163, -59.9842



61.4670, 45.1258, -53.9066



78.2330, 27.0001, 19.9667

Triad

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



61.4670, 45.1258, -53.9066



71.6360, -24.4705, 55.5702



60.7470, -3.3263, -53.2751

Complementary

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



61.4670, 45.1258, -53.9066



91.5330, -45.1258, 53.9066

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.



61.5700, -24.9310, -30.3179



61.4670, 45.1258, -53.9066



72.2190, -35.6040, 33.1339

Square

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



61.4670, 45.1258, -53.9066



68.9790, -4.4266, 66.6704



70.2710, -34.6436, 5.0243



66.0080, 14.2931, -57.8890

Rectangle

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



61.4670, 45.1258, -53.9066



75.2810, 17.6095, 45.3576



70.2710, -34.6436, 5.0243



58.5640, -9.1521, -51.3606

Sweetspot

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



61.4670, 45.1258, -53.9066



162.8630, 17.8155, -20.9279



98.5890, -10.6434, -86.4626



77.9690, 10.3683, -12.2508



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



61.4670, 45.1258, -53.9066



80.2120, 58.5625, -70.3459



17.4420, 66.8301, -15.2966



72.2600, 2.3368, -2.8590



56.4630, 41.1837, -49.5181



5.0040, 3.9420, -4.3885

Inverse Universe

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



54.2970, 10.2066, 86.5625



70.5590, 13.0354, 112.6428



135.5580, -66.8301, 15.2966



71.8480, 0.5679, 4.5183



49.7260, 9.5021, 79.1703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 61.4670, 45.1258, -53.9066 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 61.4670, 45.1258, -53.9066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

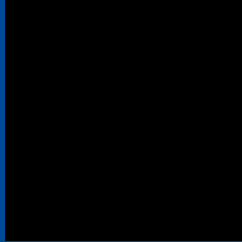
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4670, 45.1258, -53.9066

Background



This preview shows how black text looks on a background with the YUV color 61.4670, 45.1258, -53.9066.



This preview shows how white text looks on a background with the YUV color 61.4670, 45.1258, -53.9066.

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

68.8390, 40.9984, -36.6928

Deuteranopia

61.8770, 36.5426, -54.2661

Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Protanomaly

65.8490, 42.4724, -42.8406

Deuteranomaly

61.9740, 39.4528, -54.3512

Tritanomaly

60.5430, 26.3543, -53.0962

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1190, 16.2103, -19.3984

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4670, 45.1258, -53.9066 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, 75, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 153)  
}
```

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, 75, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 153) }
```

Border

The CSS property to change the border of an element to YUV 61.4670, 45.1258, -53.9066 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, 75, 153) }
```

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

```
.border{ border-color:rgb(0, 75, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 153)  
}
```


Background

The CSS property to change the background color of an element to YUV 61.4670, 45.1258, -53.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 153) }
```

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

```
.background{ background-color: rgb(0, 75,  
153) }
```

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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