

Converting Colors

YUV(61.3530, 44.6890,
-53.8066)

Have a look what the booklet for
YUV(61.3530, 44.6890, -53.8066)
contains.

YUV(61.3530, 44.6890, -53.8066)	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(61.3530, 44.6890,
-53.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	004B98
RGB	0, 75, 152
RGB Percent	0%, 29%, 60%
CMY	1.0000, 0.7059, 0.4039
CMYK	1.00, 0.51, 0.00, 0.40
HSL	210°, 100%, 30%
HSV	210°, 100%, 60%
XYZ	8.1836, 7.2992, 30.6833
YIQ	61.3530, -69.4170, 8.0470

Conversions

Conversions Part 2

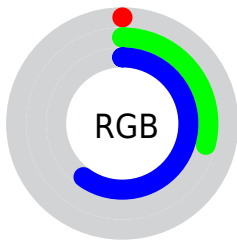
Format	Color
RYB	0, 50, 152
Decimal	19352
CIELab	32.48, 11.83, -47.54
CIELCh	32, 48.988, 283.971
Yxy	7.2992, 0.1773, 0.1581
Android (android.graphics.Color)	4278209432 (0xFF004B98)
YUV	61.3530, 44.6890, -53.8066
Hunter-Lab	27.0169, 6.7889, -48.4242

Details

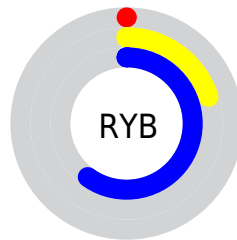
The YUV color **61.3530, 44.6890, -53.8066** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **90.6470, -44.6890, 53.8066**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9150, 42.4399, -32.3745**, and **30.7710, 34.1299, -26.9862** is the 20% darker color. If you saturate the color by 10%, you get **61.3530, 44.6890, -53.8066**, and if you desaturate by 10%, it is **70.5340, 40.1627, -48.7033**.

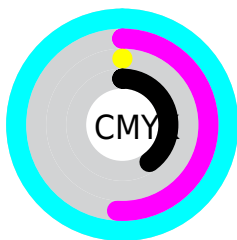
Distribution



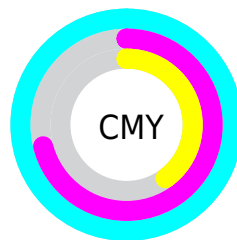
- Red (0%)
- Green (29%)
- Blue (60%)



- 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 61.3530, 44.6890, -53.8066 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 61.3530, 44.6890, -53.8066 by changing the saturation by 10% instead.

■ 61.3530, 44.6890,
-53.8066

■ 61.3530, 44.6890,
-53.8066

■ 255.0000, 0.0000,
0.0000

■ 45.4750, 39.6988,
-39.8816

■ 120.9150, 42.4399,
-32.3745

■ 30.7710, 34.1299,
-26.9862

■ 148.0400, 42.8713,
-30.7301

■ 13.9470, 30.5921,
-12.2315

■ 174.2530, 39.8083,
-28.2859

■ 8.2760, 21.5559,
-7.2581

■ 198.7730, 27.7199,
-24.3569

■ 4.5940, 12.5252,
-4.0289

■ 224.7660, 14.9054,
-20.8428

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 61.3530, 44.6890,
-53.8066

■ 70.5340, 40.1627,
-48.7033

■ 79.1280, 35.9259,
-43.0853

■ 88.6080, 31.2523,
-37.3672

■ 97.7890, 26.7260,
-32.2640

■ 106.9700, 22.1998,
-27.1607

■ 115.5640, 17.9629,
-21.5426

■ 124.7450, 13.4367,
-16.4394

■ 134.2250, 8.7631,
-10.7213

■ 142.8190, 4.5262,
-5.1033

Harmonies

Analogous

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



68.2830, 40.7795, -59.8842



61.3530, 44.6890, -53.8066



78.4070, 26.4213, 18.9371

Triad

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



61.3530, 44.6890, -53.8066



71.4510, -23.8863, 54.8555



60.1600, -3.0369, -52.7603

Complementary

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



61.3530, 44.6890, -53.8066



90.6470, -44.6890, 53.8066

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.



61.6950, -24.4996, -28.6735



61.3530, 44.6890, -53.8066



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.



61.3530, 44.6890, -53.8066



68.6800, -4.2792, 66.0556



69.9830, -34.5016, 6.1539



65.8940, 13.8563, -57.7890

Rectangle

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



61.3530, 44.6890, -53.8066



75.5690, 17.4675, 44.2280



69.9830, -34.5016, 6.1539



57.9770, -8.8627, -50.8458

Sweetspot

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



61.3530, 44.6890, -53.8066



161.3360, 17.0894, -21.3427



97.8880, -10.7908, -85.8478



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.



61.3530, 44.6890, -53.8066



79.2830, 57.5415, -69.5312



17.3280, 66.3933, -15.1967



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.



53.9980, 10.3540, 85.9478



69.6620, 13.4776, 110.7984



134.6720, -66.3933, 15.1967



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 61.3530, 44.6890, -53.8066 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 61.3530, 44.6890, -53.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

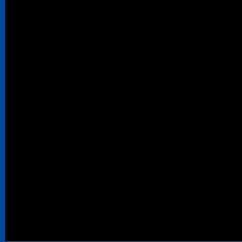
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3530, 44.6890, -53.8066

Background



This preview shows how black text looks on a background with the YUV color 61.3530, 44.6890, -53.8066.



This preview shows how white text looks on a background with the YUV color 61.3530, 44.6890,

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

69.0240, 40.4142, -35.9780

Deuteranopia

61.2900, 36.8320, -53.7513

Trichromacy



Protanomaly

66.0340, 41.8882, -42.1258

Deuteranomaly

61.3870, 39.7422, -53.8364

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 61.3530, 44.6890, -53.8066 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 152) }
```

Border

The CSS property to change the border of an element to YUV 61.3530, 44.6890, -53.8066 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, 152) }
```

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

```
.border{ border-color:rgb(0, 75, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 152)  
}
```


Background

The CSS property to change the background color of an element to YUV 61.3530, 44.6890, -53.8066 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, 152) }
```

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

```
.background{ background-color: rgb(0, 75,  
152) }
```

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