

Converting Colors

YUV(60.5620, 74.6589,
-53.1129)

Have a look what the booklet for
YUV(60.5620, 74.6589, -53.1129)
contains.

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Color

**YUV(60.5620, 74.6589,
-53.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	003ED4
RGB	0, 62, 212
RGB Percent	0%, 24%, 83%
CMY	1.0000, 0.7569, 0.1686
CMYK	1.00, 0.71, 0.00, 0.17
HSL	222°, 100%, 42%
HSV	222°, 100%, 83%
XYZ	13.6063, 8.1987, 63.1527
YIQ	60.5620, -85.1020, 33.5060

Conversions

Conversions Part 2

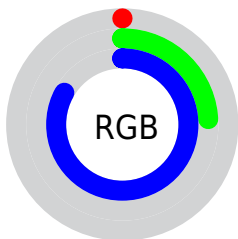
Format	Color
RYB	0, 48, 212
Decimal	16084
CIELab	34.39, 44.35, -79.91
CIElCh	34, 91.387, 299.030
Yxy	8.1987, 0.1602, 0.0965
Android (android.graphics.Color)	4278206164 (0xFF003ED4)
YUV	60.5620, 74.6589, -53.1129
Hunter-Lab	28.6334, 34.7129, -110.7244

Details

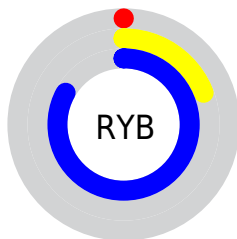
The YUV color **60.5620, 74.6589, -53.1129** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **151.4380, -74.6589, 53.1129**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7360, 64.2202, -18.1855**, and **29.5240, 62.3527, -25.8925** is the 20% darker color. If you saturate the color by 10%, you get **60.5620, 74.6589, -53.1129**, and if you desaturate by 10%, it is **75.6460, 67.2225, -47.9245**.

Distribution



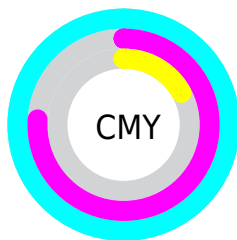
- Red (0%)
- Green (24%)
- Blue (83%)



- Red (0%)
- Yellow (19%)
- Blue (83%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (76%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.5620, 74.6589, -53.1129 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 60.5620, 74.6589, -53.1129 by changing the saturation by 10% instead.

■ 60.5620, 74.6589,
-53.1129

■ 60.5620, 74.6589,
-53.1129

■ 255.0000, 0.0000,
0.0000

■ 44.4560, 68.7952,
-38.9879

■ 124.7360, 64.2202,
-18.1855

■ 29.5240, 62.3527,
-25.8925

■ 149.2780, 52.1209,
-10.7678

■ 15.8800, 55.7682,
-13.9268

■ 174.6950, 39.5904,
-4.9945

■ 12.9160, 44.4114,
-11.3273

■ 199.8130, 27.2072,
0.1640

■ 14.7620, 31.1763,
-12.9463

■ 225.8170, 14.3872,
5.4225

■ 9.0910, 22.1401,
-7.9728

■ 249.1300, 2.8939,

■ 4.8220, 13.3988,

5.1480

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 60.5620, 74.6589,
-53.1129

■ 75.6460, 67.2225,
-47.9245

■ 90.7300, 59.7861,
-42.7362

■ 106.1130, 52.2023,
-36.9331

■ 121.1970, 44.7659,
-31.7448

■ 136.2810, 37.3295,
-26.5564

■ 151.3650, 29.8931,
-21.3681

■ 166.4490, 22.4566,
-16.1798

■ 181.8320, 14.8728,
-10.3767

■ 196.9160, 7.4364,
-5.1883

Harmonies

Analogous

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



81.5120, 73.6976, -71.4860



60.5620, 74.6589, -53.1129



65.5530, 45.5764, 81.9530

Triad

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



60.5620, 74.6589, -53.1129



67.4770, -33.2662, 76.7577



70.4130, 3.2474, -61.7522

Complementary

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



60.5620, 74.6589, -53.1129



151.4380, -74.6589, 53.1129

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.



60.4610, -29.8073, -53.0243



60.5620, 74.6589, -53.1129



76.2840, -37.6080, 22.5529

Square

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



60.5620, 74.6589, -53.1129



58.7480, -20.5818, 115.1080



57.5480, -28.3712, -46.9616



80.0230, 34.9917, -70.1802

Rectangle

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



60.5620, 74.6589, -53.1129



69.1650, 20.6247, 105.0953



57.5480, -28.3712, -46.9616



67.3350, -8.5462, -59.0528

Sweetspot

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



60.5620, 74.6589, -53.1129



200.5780, 26.8300, -18.9239



141.3160, 3.2952, -123.9341



94.8750, 16.3306, -11.2914



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



60.5620, 74.6589, -53.1129



73.0950, 89.6792, -64.1043



36.7260, 86.4101, 4.6253



99.6020, 3.6472, -3.1590



48.8440, 60.2229, -42.8362



12.5330, 15.0202, -10.9914

Inverse Universe

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



70.4560, -4.1688, 124.1341



84.7950, -4.8289, 149.2698



175.2740, -86.4101, -4.6253



99.7450, 0.1257, 6.3626



56.8290, -3.3667, 100.1280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 60.5620, 74.6589, -53.1129 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 60.5620, 74.6589, -53.1129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

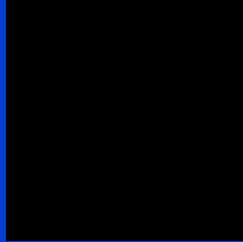
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.5620, 74.6589, -53.1129

Background



This preview shows how black text looks on a background with the YUV color 60.5620, 74.6589, -53.1129.



This preview shows how white text looks on a background with the YUV color 60.5620, 74.6589,

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



Deuteranopia

64.6810, 37.1323, -56.7252

Tritanopia

63.5460, 15.0138, -55.7298

Trichromacy



Deuteranomaly

62.9490, 50.8041, -55.2063

Tritanomaly

62.5780, 36.6900, -54.8809

Monochromacy



Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.6920, 27.2668, -19.0239

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.5620, 74.6589, -53.1129 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, 62, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 212)  
}
```

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, 62, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 212) }
```

Border

The CSS property to change the border of an element to YUV 60.5620, 74.6589, -53.1129 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, 62, 212) }
```

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

```
.border{ border-color:rgb(0, 62, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 62, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 62, 212)  
}
```


Background

The CSS property to change the background color of an element to YUV 60.5620, 74.6589, -53.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 212) }
```

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

```
.background{ background-color: rgb(0, 62,  
212) }
```

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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