

Converting Colors

YUV(52.5720, 79.5840,
-46.1056)

Have a look what the booklet for
YUV(52.5720, 79.5840, -46.1056)
contains.

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Color

**YUV(52.5720, 79.5840,
-46.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	0030D6
RGB	0, 48, 214
RGB Percent	0%, 19%, 84%
CMY	1.0000, 0.8118, 0.1608
CMYK	1.00, 0.78, 0.00, 0.16
HSL	227°, 100%, 42%
HSV	227°, 100%, 84%
XYZ	13.1946, 6.9689, 64.2680
YIQ	52.5720, -81.8940, 41.4500

Conversions

Conversions Part 2

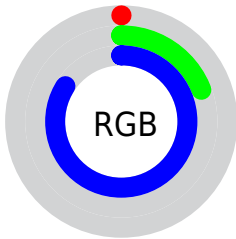
Format	Color
R _{YB}	0, 39, 214
Decimal	12502
CIE Lab	31.74, 53.13, -85.46
CIE LCh	32, 100.635, 301.870
Yxy	6.9689, 0.1563, 0.0825
Android (android.graphics.Color)	4278202582 (0xFF0030D6)
YUV	52.5720, 79.5840, -46.1056
Hunter-Lab	26.3988, 43.0195, -125.8630

Details

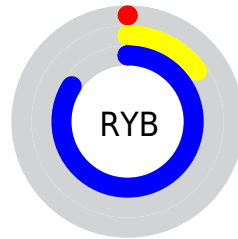
The YUV color **52.5720, 79.5840, -46.1056** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **161.4280, -79.5840, 46.1056**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1160, 67.9768, -9.7487**, and **20.3600, 67.8565, -17.8557** is the 20% darker color. If you saturate the color by 10%, you get **52.5720, 79.5840, -46.1056**, and if you desaturate by 10%, it is **68.8300, 71.5688, -41.9469**.

Distribution



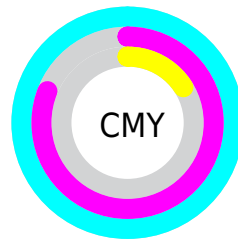
- Red (0%)
- Green (19%)
- Blue (84%)



- Red (0%)
- Yellow (15%)
- Blue (84%)



- Cyan (100%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (81%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5720, 79.5840, -46.1056 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 52.5720, 79.5840, -46.1056 by changing the saturation by 10% instead.

■ 52.5720, 79.5840,
-46.1056

■ 52.5720, 79.5840,
-46.1056

■ 255.0000, 0.0000,
0.0000

■ 35.7650, 73.5729,
-31.3659

■ 117.1160, 67.9768,
-9.7487

■ 20.3600, 67.8565,
-17.8557

■ 142.5440, 55.4408,
-2.2311

■ 14.9340, 57.2205,
-13.0971

■ 167.3740, 43.1996,
4.0570

■ 14.2040, 44.2694,
-12.4569

■ 192.4920, 30.8164,
9.2155

■ 14.8760, 31.6131,
-13.0463

■ 218.4960, 17.9965,
14.4740

■ 9.2050, 22.5769,
-8.0728

■ 240.9120, 6.9454,

■ 4.9360, 13.8356,

12.3552

-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 52.5720, 79.5840,
-46.1056

■ 68.8300, 71.5688,
-41.9469

■ 84.8000, 63.6956,
-36.6586

■ 101.0580, 55.6804,
-32.4999

■ 117.0280, 47.8072,
-27.2116

■ 133.2860, 39.7920,
-23.0528

■ 149.5440, 31.7768,
-18.8941

■ 165.5140, 23.9036,
-13.6058

■ 181.7720, 15.8884,
-9.4470

■ 197.7420, 8.0152,
-4.1587

Harmonies

Analogous

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



79.0160, 79.3651, -69.2970



52.5720, 79.5840, -46.1056



66.5490, 41.6343, 86.3415

Triad

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



52.5720, 79.5840, -46.1056



59.8020, -29.4824, 76.4726



67.0050, 5.4205, -58.7634

Complementary

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



52.5720, 79.5840, -46.1056



161.4280, -79.5840, 46.1056

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.



56.9390, -28.0709, -49.9355



52.5720, 79.5840, -46.1056



70.3370, -34.6761, 15.4905

Square

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



52.5720, 79.5840, -46.1056



56.2120, -27.7125, 115.5781



53.4170, -26.3346, -46.8467



77.8860, 39.4962, -68.3060

Rectangle

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



52.5720, 79.5840, -46.1056



69.1070, 15.2302, 108.6542



53.4170, -26.3346, -46.8467



63.8130, -6.8098, -55.9640

Sweetspot

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



52.5720, 79.5840, -46.1056



197.6430, 28.2770, -16.3499



144.3140, 9.7052, -126.5634



93.1140, 17.1988, -9.7470



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.



52.5720, 79.5840, -46.1056



62.5290, 94.8882, -54.8379



41.4390, 85.0726, 13.6470



99.0150, 3.9366, -2.6442



41.8000, 63.6956, -36.6586



10.7720, 15.8884, -9.4470

Inverse Universe

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



69.4580, -10.5788, 126.7633



82.7430, -12.6913, 151.0694



172.5610, -85.0726, -13.6470



99.6310, -0.3111, 6.4626



55.4610, -8.6083, 101.3277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 52.5720, 79.5840, -46.1056 looks on a white background.

Color Contrast Check

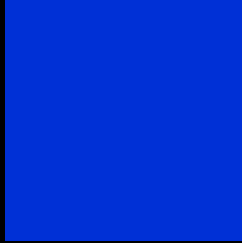
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.5720, 79.5840, -46.1056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

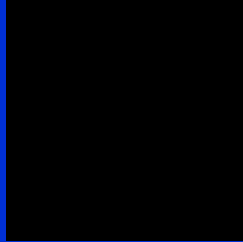
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5720, 79.5840, -46.1056

Background



This preview shows how black text looks on a background with the YUV color 52.5720, 79.5840, -46.1056.



This preview shows how white text looks on a background with the YUV color 52.5720, 79.5840,

-46.1056.

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



Original Color

52.5720, 79.5840, -46.1056

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.9050, 34.0638, -52.5367



Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

52.5720, 79.5840, -46.1056

Protanomaly

56.8170, 57.7712, -49.8285

Deuteranomaly

56.9820, 50.7879, -49.9732

Tritanomaly

56.2520, 37.8368, -49.3330

Monochromacy



Original Color

52.5720, 79.5840, -46.1056

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8710, 29.1506, -16.5499

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5720, 79.5840, -46.1056 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, 48, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 214)  
}
```

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, 48, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 214) }
```

Border

The CSS property to change the border of an element to YUV 52.5720, 79.5840, -46.1056 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, 48, 214) }
```


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

```
.border{ border-color:rgb(0, 48, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 48, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 48, 214)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.5720, 79.5840, -46.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 214) }
```

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

```
.background{ background-color: rgb(0, 48,  
214) }
```

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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