

Converting Colors

YUV(52.4220, 33.3160,
-45.9741)

Have a look what the booklet for
YUV(52.4220, 33.3160, -45.9741)
contains.

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Color

**YUV(52.4220, 33.3160,
-45.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	004278
RGB	0, 66, 120
RGB Percent	0%, 26%, 47%
CMY	1.0000, 0.7412, 0.5294
CMYK	1.00, 0.45, 0.00, 0.53
HSL	207°, 100%, 24%
HSV	207°, 100%, 47%
XYZ	5.3384, 5.2525, 18.5018
YIQ	52.4220, -56.6700, 2.8020

Conversions

Conversions Part 2

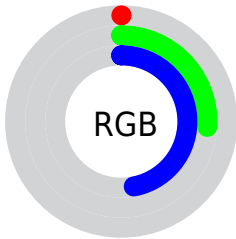
Format	Color
RYB	0, 43, 120
Decimal	17016
CIELab	27.44, 4.23, -35.88
CIELCh	27, 36.124, 276.725
Yxy	5.2525, 0.1835, 0.1805
Android (android.graphics.Color)	4278207096 (0xFF004278)
YUV	52.4220, 33.3160, -45.9741
Hunter-Lab	22.9183, 1.4711, -31.8215

Details

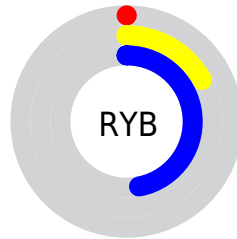
The YUV color **52.4220, 33.3160, -45.9741** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67.5780, -33.3160, 45.9741**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1790, 31.9568, -29.9750**, and **22.1820, 24.0673, -19.4536** is the 20% darker color. If you saturate the color by 10%, you get **52.4220, 33.3160, -45.9741**, and if you desaturate by 10%, it is **58.9450, 30.1001, -41.1708**.

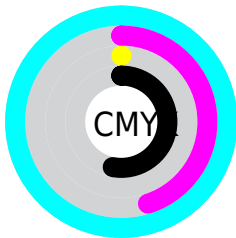
Distribution



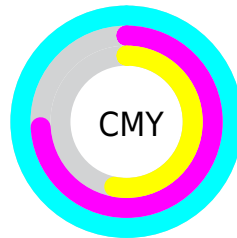
- Red (0%)
- Green (26%)
- Blue (47%)



- Red (0%)
- Yellow (17%)
- Blue (47%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (74%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4220, 33.3160, -45.9741 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 52.4220, 33.3160, -45.9741 by changing the saturation by 10% instead.

■ 52.4220, 33.3160,
-45.9741

■ 52.4220, 33.3160,
-45.9741

■ 255.0000, 0.0000,
0.0000

■ 36.6580, 28.7626,
-32.1491

■ 108.1790, 31.9568,
-29.9750

■ 22.1820, 24.0673,
-19.4536

■ 134.8910, 32.0987,
-28.8454

■ 7.8200, 19.8087,
-6.8581

■ 161.5320, 33.2617,
-28.5306

■ 3.5510, 11.0674,
-3.1142

■ 188.7170, 32.6775,
-27.8158

■ 0.0000, 0.0000,
0.0000

■ 213.8240, 20.2998,
-24.4016

■ 238.9310, 7.9220,

-20.9875

■ 251.7110, 1.6215,
-6.7625

■ 52.4220, 33.3160,
-45.9741

■ 58.9450, 30.1001,
-41.1708

■ 66.0550, 26.5949,
-36.8822

■ 72.5780, 23.3790,
-32.0789

■ 79.6880, 19.8738,
-27.7904

■ 86.2110, 16.6580,
-22.9870

■ 92.7340, 13.4421,
-18.1837

■ 99.8440, 9.9369,
-13.8952

■ 106.3670, 6.7211,
-9.0919

■ 113.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



56.0750, 29.5430, -49.1778



52.4220, 33.3160, -45.9741



66.8370, 20.7864, 6.2820

Triad

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



52.4220, 33.3160, -45.9741



62.7790, -14.6810, 42.2898



49.4000, -3.6482, -43.3238

Complementary

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



52.4220, 33.3160, -45.9741



67.5780, -33.3160, 45.9741

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.



57.2440, -20.3333, -11.6150



52.4220, 33.3160, -45.9741



62.2430, -25.2628, 29.6049

Square

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



52.4220, 33.3160, -45.9741



62.6450, -1.3040, 45.0383



60.6830, -29.4237, 10.8020



53.7660, 8.0034, -47.1528

Rectangle

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



52.4220, 33.3160, -45.9741



66.3510, 14.6170, 25.1252



60.6830, -29.4237, 10.8020



51.0760, -8.9115, -35.1467

Sweetspot

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



52.4220, 33.3160, -45.9741



129.6200, 13.0053, -18.0837



76.5960, -11.1398, -67.1747



62.9970, 7.8895, -10.5214



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



52.4220, 33.3160, -45.9741



68.2660, 43.2529, -59.8693



17.2020, 50.6794, -15.0862



57.4450, 1.7526, -2.1443



54.7530, 34.6318, -48.0184



110.3210, 69.8477, -96.7515

Inverse Universe

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



43.4040, 11.1398, 67.1747



56.4480, 14.5691, 87.3071



102.7980, -50.6794, 15.0862



57.1360, 0.4260, 3.3887



45.2410, 11.7132, 69.9486



91.1940, 23.5684, 141.0269

Previews

White Background



This preview shows how the YUV color 52.4220, 33.3160, -45.9741 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 52.4220, 33.3160, -45.9741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

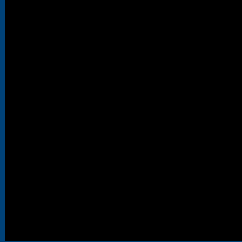
Any Text WCAG AA × Fail

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 52.4220, 33.3160, -45.9741 Background



This preview shows how black text looks on a background with the YUV color 52.4220, 33.3160, -45.9741.



This preview shows how white text looks on a background with the YUV color 52.4220, 33.3160,

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

61.9800, 27.1249, -20.1535

Deuteranopia

52.6670, 31.7162, -46.1890

Tritanopia

51.6290, 12.5079, -45.2786

Trichromacy



Protanomaly

58.4950, 29.3360, -29.3751

Deuteranomaly

52.7810, 32.1530, -46.2889

Tritanomaly

51.6920, 20.3648, -45.3339

Monochromacy



Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1040, 12.2737, -16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4220, 33.3160, -45.9741 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, 66, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 120)  
}
```

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, 66, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 120) }
```

Border

The CSS property to change the border of an element to YUV 52.4220, 33.3160, -45.9741 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, 66, 120) }
```

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

```
.border{ border-color:rgb(0, 66, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 120)  
}
```


Background

The CSS property to change the background color of an element to YUV 52.4220, 33.3160, -45.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 120) }
```

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

```
.background{ background-color: rgb(0, 66,  
120) }
```

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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