

Converting Colors

YUV(52.1310, 24.5854,
-45.7189)

Have a look what the booklet for
YUV(52.1310, 24.5854, -45.7189)
contains.

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Color

**YUV(52.1310, 24.5854,
-45.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	004566
RGB	0, 69, 102
RGB Percent	0%, 27%, 40%
CMY	1.0000, 0.7294, 0.6000
CMYK	1.00, 0.32, 0.00, 0.60
HSL	199°, 100%, 20%
HSV	199°, 100%, 40%
XYZ	4.5264, 5.2156, 13.3385
YIQ	52.1310, -51.7170, -4.3650

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 41, 102
Decimal	17766
CIE _{Lab}	27.34, -5.58, -24.61
CIE _{LCh}	27, 25.229, 257.230
Yxy	5.2156, 0.1961, 0.2260
Android (android.graphics.Color)	4278207846 (0xFF004566)
YUV	52.1310, 24.5854, -45.7189
Hunter-Lab	22.8376, -4.5872, -18.6426

Details

The YUV color **52.1310, 24.5854, -45.7189** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **49.8690, -24.5854, 45.7189**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4530, 22.9477, -33.7233**, and **21.5320, 16.4997, -18.8836** is the 20% darker color. If you saturate the color by 10%, you get **52.1310, 24.5854, -45.7189**, and if you desaturate by 10%, it is **56.8820, 22.2432, -41.1155**.

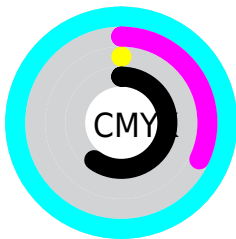
Distribution



- Red (0%)
- Green (27%)
- Blue (40%)



- Red (0%)
- Yellow (16%)
- Blue (40%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.1310, 24.5854, -45.7189 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 52.1310, 24.5854, -45.7189 by changing the saturation by 10% instead.

■ 52.1310, 24.5854,
-45.7189

■ 52.1310, 24.5854,
-45.7189

■ 255.0000, 0.0000,
0.0000

■ 36.4810, 20.4689,
-31.9938

■ 106.4530, 22.9477,
-33.7233

■ 21.5320, 16.4997,
-18.8836

■ 132.8660, 23.2371,
-33.2085

■ 4.9360, 13.8356,
-4.3289

■ 159.3930, 23.9633,
-32.7937

■ 0.7980, 3.0576,
-0.6998

■ 186.8060, 24.2526,
-32.2789

■ 0.0000, 0.0000,
0.0000

■ 213.7800, 20.3215,
-31.3791

■ 239.1750, 7.8017,

-29.0945

■ 249.0200, 2.9481,
-12.2955

■ 52.1310, 24.5854,
-45.7189

■ 56.8820, 22.2432,
-41.1155

■ 62.2200, 19.6115,
-37.0269

■ 67.2700, 17.1219,
-31.8088

■ 72.0210, 14.7796,
-27.2054

■ 77.3590, 12.1480,
-23.1168

■ 82.1100, 9.8058,
-18.5135

■ 86.8610, 7.4635,
-13.9101

■ 91.9110, 4.9739,
-8.6919

■ 97.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



53.3390, 19.0599, -46.7783



52.1310, 24.5854, -45.7189



64.3420, 18.0724, -9.9469

Triad

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



52.1310, 24.5854, -45.7189



65.1180, -5.4812, 31.4685



58.7520, -10.7237, -13.8145

Complementary

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



52.1310, 24.5854, -45.7189



49.8690, -24.5854, 45.7189

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.



61.7280, -17.6139, 2.8695



52.1310, 24.5854, -45.7189



64.6200, -13.6167, 27.5203

Square

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



52.1310, 24.5854, -45.7189



65.9030, 3.9918, 26.3951



63.5880, -18.5309, 17.0243



52.1000, 1.4297, -38.6757

Rectangle

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



52.1310, 24.5854, -45.7189



66.4040, 14.0978, 4.9077



63.5880, -18.5309, 17.0243



60.1010, -13.3608, -7.9816

Sweetspot

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



52.1310, 24.5854, -45.7189



113.4090, 9.6584, -17.8987



63.5220, -15.5403, -55.7088



54.7150, 5.5635, -11.1511



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



52.1310, 24.5854, -45.7189



67.9920, 32.0489, -59.6290



22.7810, 39.0550, -19.9789



48.3310, 1.3158, -2.0443



58.8960, 27.6593, -51.6518



123.8560, 58.2450, -108.6217

Inverse Universe

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



38.3640, 15.1035, 55.8088



50.0270, 19.7067, 72.7673



79.2190, -39.0550, 19.9789



47.8370, 0.5734, 2.7740



43.2770, 17.1184, 62.9011



91.0540, 35.9624, 132.3796

Previews

White Background



This preview shows how the YUV color 52.1310, 24.5854, -45.7189 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 52.1310, 24.5854, -45.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

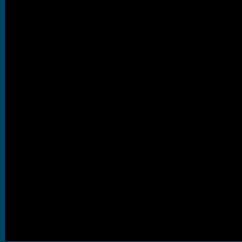
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.1310, 24.5854, -45.7189

Background



This preview shows how black text looks on a background with the YUV color 52.1310, 24.5854, -45.7189.



This preview shows how white text looks on a background with the YUV color 52.1310, 24.5854,

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

64.5870, 16.4726, -10.1618

Deuteranopia

63.0530, 19.6939, -16.7095

Tritanopia

51.1560, 13.2341, -44.8638

Trichromacy



Protanomaly

60.1940, 19.1314, -22.9721

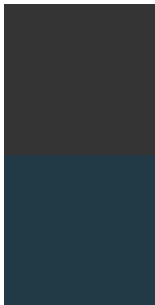
Deuteranomaly

58.8560, 21.7630, -27.0607

Tritanomaly

51.5950, 17.4547, -45.2488

Monochromacy



Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8930, 8.9268, -16.5692

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.1310, 24.5854, -45.7189 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, 69, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 102)  
}
```

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, 69, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 102) }
```

Border

The CSS property to change the border of an element to YUV 52.1310, 24.5854, -45.7189 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, 69, 102) }
```

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

```
.border{ border-color:rgb(0, 69, 102) }
```

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

Here you see how a box with a 4 pixel rgb(0, 69, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 102)  
}
```


Background

The CSS property to change the background color of an element to YUV 52.1310, 24.5854, -45.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 102) }
```

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

```
.background{ background-color: rgb(0, 69,  
102) }
```

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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