

Converting Colors

YUV(51.5440, 24.8748,
-45.2041)

Have a look what the booklet for
YUV(51.5440, 24.8748, -45.2041)
contains.

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Color

**YUV(51.5440, 24.8748,
-45.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	004466
RGB	0, 68, 102
RGB Percent	0%, 27%, 40%
CMY	1.0000, 0.7333, 0.6000
CMYK	1.00, 0.33, 0.00, 0.60
HSL	200°, 100%, 20%
HSV	200°, 100%, 40%
XYZ	4.4654, 5.0936, 13.3182
YIQ	51.5440, -51.4420, -3.8420

Conversions

Conversions Part 2

Format	Color
RYB	0, 41, 102
Decimal	17510
CIELab	27.00, -4.93, -25.14
CIELCh	27, 25.620, 258.914
Yxy	5.0936, 0.1952, 0.2226
Android (android.graphics.Color)	4278207590 (0xFF004466)
YUV	51.5440, 24.8748, -45.2041
Hunter-Lab	22.5689, -4.1783, -19.1895

Details

The YUV color **51.5440, 24.8748, -45.2041** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **50.4560, -24.8748, 45.2041**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.8660, 23.2371, -33.2085**, and **21.5320, 16.4997, -18.8836** is the 20% darker color. If you saturate the color by 10%, you get **51.5440, 24.8748, -45.2041**, and if you desaturate by 10%, it is **56.2950, 22.5326, -40.6007**.

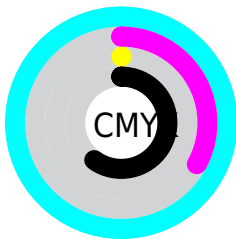
Distribution



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



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



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 51.5440, 24.8748, -45.2041 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 51.5440, 24.8748, -45.2041 by changing the saturation by 10% instead.

■ 51.5440, 24.8748,
-45.2041

■ 51.5440, 24.8748,
-45.2041

■ 255.0000, 0.0000,
0.0000

■ 35.8940, 20.7583,
-31.4790

■ 105.8660, 23.2371,
-33.2085

■ 21.5320, 16.4997,
-18.8836

■ 131.6920, 23.8158,
-32.1789

■ 4.9360, 13.8356,
-4.3289

■ 158.8060, 24.2526,
-32.2789

■ 0.7980, 3.0576,
-0.6998

■ 186.2190, 24.5420,
-31.7641

■ 0.0000, 0.0000,
0.0000

■ 213.1930, 20.6109,
-30.8643

■ 238.0010, 8.3805,

-28.0649

■ 249.0200, 2.9481,
-12.2955

■ 51.5440, 24.8748,
-45.2041

■ 56.2950, 22.5326,
-40.6007

■ 61.6330, 19.9009,
-36.5121

■ 66.6830, 17.4113,
-31.2940

■ 72.0210, 14.7796,
-27.2054

■ 76.7720, 12.4374,
-22.6020

■ 81.5230, 10.0952,
-17.9987

■ 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.



52.8660, 19.7861, -46.3635



51.5440, 24.8748, -45.2041



63.7550, 18.3618, -9.4321

Triad

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



51.5440, 24.8748, -45.2041



64.3030, -6.0654, 32.1833



58.1540, -10.4289, -15.0441

Complementary

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



51.5440, 24.8748, -45.2041



50.4560, -24.8748, 45.2041

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.



61.0160, -17.7559, 1.7400



51.5440, 24.8748, -45.2041



63.5060, -14.0535, 27.6202

Square

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



51.5440, 24.8748, -45.2041



65.0880, 3.4076, 27.1098



62.5880, -18.5309, 17.0243



49.8330, 3.0403, -41.9495

Rectangle

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



51.5440, 24.8748, -45.2041



65.4150, 14.0924, 6.6520



62.5880, -18.5309, 17.0243



59.3890, -13.5028, -9.1112

Sweetspot

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



51.5440, 24.8748, -45.2041



112.8220, 9.9478, -17.3839



63.7500, -14.6667, -55.9087



54.1280, 5.8529, -10.6363



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.



51.5440, 24.8748, -45.2041



66.8180, 32.6277, -58.5994



21.6070, 39.6337, -18.9493



48.3310, 1.3158, -2.0443



57.7220, 28.2381, -50.6222



122.0950, 59.1132, -107.0773

Inverse Universe

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



38.2500, 14.6668, 55.9087



49.7990, 18.8331, 72.9673



80.3930, -39.6337, 18.9493



47.8370, 0.5734, 2.7740



43.0490, 16.2448, 63.1010



90.7120, 34.6520, 132.6796

Previews

White Background



This preview shows how the YUV color 51.5440, 24.8748, -45.2041 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 51.5440, 24.8748, -45.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

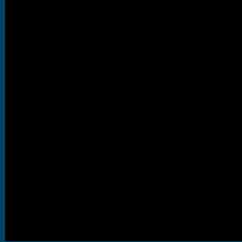
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.5440, 24.8748, -45.2041

Background



This preview shows how black text looks on a background with the YUV color 51.5440, 24.8748, -45.2041.



This preview shows how white text looks on a background with the YUV color 51.5440, 24.8748, -45.2041.

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

63.7010, 16.9094, -10.2618

Deuteranopia

61.8680, 20.2781, -17.4242

Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Protanomaly

59.3080, 19.5682, -23.0721

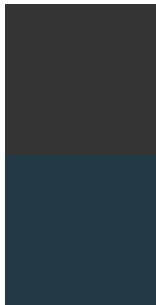
Deuteranomaly

57.9700, 22.1998, -27.1607

Tritanomaly

50.8940, 17.3073, -44.6340

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 51.5440, 24.8748, -45.2041 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, 68, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 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, 68, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 102) }
```

Border

The CSS property to change the border of an element to YUV 51.5440, 24.8748, -45.2041 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, 68, 102) }
```

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

```
.border{ border-color:rgb(0, 68, 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, 68, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 102)  
}
```


Background

The CSS property to change the background color of an element to YUV 51.5440, 24.8748, -45.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 102) }
```

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

```
.background{ background-color: rgb(0, 68,  
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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