

Converting Colors

YUV(53.5330, 24.8802,
-46.9484)

Have a look what the booklet for
YUV(53.5330, 24.8802, -46.9484)
contains.

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Color

**YUV(53.5330, 24.8802,
-46.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	004768
RGB	0, 71, 104
RGB Percent	0%, 28%, 41%
CMY	1.0000, 0.7216, 0.5922
CMYK	1.00, 0.32, 0.00, 0.59
HSL	199°, 100%, 20%
HSV	199°, 100%, 41%
XYZ	4.7519, 5.5060, 13.9090
YIQ	53.5330, -52.9090, -4.7890

Conversions

Conversions Part 2

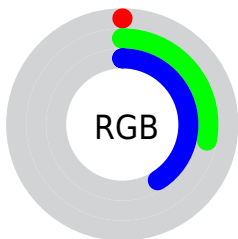
Format	Color
RYB	0, 42, 104
Decimal	18280
CIELab	28.13, -6.02, -24.64
CIELCh	28, 25.364, 256.270
Yxy	5.5060, 0.1966, 0.2278
Android (android.graphics.Color)	4278208360 (0xFF004768)
YUV	53.5330, 24.8802, -46.9484
Hunter-Lab	23.4648, -4.9147, -18.7195

Details

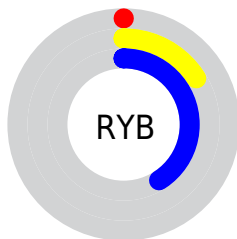
The YUV color **53.5330, 24.8802, -46.9484** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **50.4670, -24.8802, 46.9484**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1540, 23.0951, -34.3381**, and **22.9340, 16.7945, -20.1131** is the 20% darker color. If you saturate the color by 10%, you get **53.5330, 24.8802, -46.9484**, and if you desaturate by 10%, it is **58.2840, 22.5380, -42.3451**.

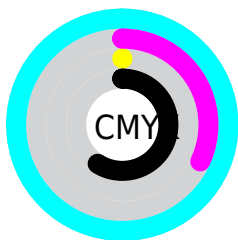
Distribution



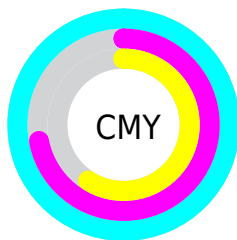
- Red (0%)
- Green (28%)
- Blue (41%)



- Red (0%)
- Yellow (16%)
- Blue (41%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5330, 24.8802, -46.9484 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 53.5330, 24.8802, -46.9484 by changing the saturation by 10% instead.

■ 53.5330, 24.8802,
-46.9484

■ 53.5330, 24.8802,
-46.9484

■ 255.0000, 0.0000,
0.0000

■ 37.8830, 20.7637,
-33.2234

■ 108.1540, 23.0951,
-34.3381

■ 22.9340, 16.7945,
-20.1131

■ 134.5670, 23.3845,
-33.8233

■ 5.1640, 14.7091,
-4.5288

■ 161.0940, 24.1107,
-33.4084

■ 1.1400, 4.3680,
-0.9998

■ 189.0940, 24.1107,
-33.4084

■ 0.0000, 0.0000,
0.0000

■ 215.8400, 19.3059,
-32.3087

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 53.5330, 24.8802,
-46.9484

■ 58.2840, 22.5380,
-42.3451

■ 63.9210, 19.7589,
-37.6417

■ 68.6720, 17.4167,
-33.0383

■ 73.7220, 14.9271,
-27.8202

■ 78.4730, 12.5848,
-23.2168

■ 83.8110, 9.9532,
-19.1282

■ 88.8610, 7.4635,
-13.9101

■ 93.6120, 5.1213,
-9.3067

■ 99.2490, 2.3422,
-4.6034

Harmonies

Analogous

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



54.7410, 19.3547, -48.0079



53.5330, 24.8802, -46.9484



65.8580, 18.8040, -11.2765

Triad

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



53.5330, 24.8802, -46.9484



66.5310, -5.1918, 31.9833



60.9370, -11.3079, -13.0997

Complementary

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



53.5330, 24.8802, -46.9484



50.4670, -24.8802, 46.9484

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.



64.0270, -17.7613, 3.4843



53.5330, 24.8802, -46.9484



66.0330, -13.3273, 28.0351

Square

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



53.5330, 24.8802, -46.9484



67.9030, 3.9918, 26.3951



65.3000, -18.3889, 18.1539



54.8830, 0.5507, -36.7314

Rectangle

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



53.5330, 24.8802, -46.9484



68.2190, 14.6820, 4.1929



65.3000, -18.3889, 18.1539



61.9870, -13.7976, -7.8816

Sweetspot

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



53.5330, 24.8802, -46.9484



115.4090, 9.6584, -17.8987



64.8100, -15.6823, -56.8384



56.8290, 6.0003, -11.2510



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



53.5330, 24.8802, -46.9484



69.3940, 32.3438, -60.8585



23.0090, 39.9286, -20.1789



48.3310, 1.3158, -2.0443



58.8960, 27.6593, -51.6518



124.4430, 57.9556, -109.1365

Inverse Universe

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



39.1900, 15.6823, 56.8384



50.8530, 20.2855, 73.7969



80.9910, -39.9286, 20.1789



47.8370, 0.5734, 2.7740



43.2770, 17.1184, 62.9011



91.1680, 36.3992, 132.2797

Previews

White Background



This preview shows how the YUV color 53.5330, 24.8802, -46.9484 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 53.5330, 24.8802, -46.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

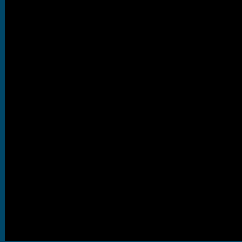
Any Text WCAG AA × Fail

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 53.5330, 24.8802, -46.9484 Background



This preview shows how black text looks on a background with the YUV color 53.5330, 24.8802, -46.9484.



This preview shows how white text looks on a background with the YUV color 53.5330, 24.8802, -46.9484.

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

53.5330, 24.8802, -46.9484

Protanopia

66.4730, 16.0358, -10.0618

Deuteranopia

65.0530, 19.6939, -16.7095



Tritanopia

52.5580, 13.5289, -46.0934

Trichromacy



Original Color

53.5330, 24.8802, -46.9484

Protanomaly

61.8950, 19.2788, -23.5869

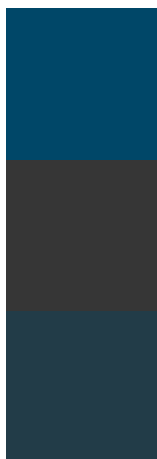
Deuteranomaly

60.5570, 21.9104, -27.6755

Tritanomaly

52.9970, 17.7495, -46.4784

Monochromacy



Original Color

53.5330, 24.8802, -46.9484

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.5940, 9.0742, -17.1839

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5330, 24.8802, -46.9484 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, 71, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 104)  
}
```

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, 71, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 104) }
```

Border

The CSS property to change the border of an element to YUV 53.5330, 24.8802, -46.9484 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, 71, 104) }
```


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

```
.border{ border-color:rgb(0, 71, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 71, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 104)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.5330, 24.8802, -46.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 104) }
```

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

```
.background{ background-color: rgb(0, 71,  
104) }
```

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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