

Converting Colors

YUV(55.6530, 22.8491,
-48.8077)

Have a look what the booklet for
YUV(55.6530, 22.8491, -48.8077)
contains.

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Color

**YUV(55.6530, 22.8491,
-48.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	004B66
RGB	0, 75, 102
RGB Percent	0%, 29%, 40%
CMY	1.0000, 0.7059, 0.6000
CMYK	1.00, 0.26, 0.00, 0.60
HSL	196°, 100%, 20%
HSV	196°, 100%, 40%
XYZ	4.9144, 5.9915, 13.4678
YIQ	55.6530, -53.3670, -7.5030

Conversions

Conversions Part 2

Format	Color
RYB	0, 43, 102
Decimal	19302
CIELab	29.39, -9.38, -21.39
CIElCh	29, 23.355, 246.323
Yxy	5.9915, 0.2016, 0.2458
Android (android.graphics.Color)	4278209382 (0xFF004B66)
YUV	55.6530, 22.8491, -48.8077
Hunter-Lab	24.4775, -6.9981, -15.4879

Details

The YUV color **55.6530, 22.8491, -48.8077** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **46.3470, -22.8491, 48.8077**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8610, 20.7745, -36.7121**, and **24.4670, 15.0528, -21.4576** is the 20% darker color. If you saturate the color by 10%, you get **55.6530, 22.8491, -48.8077**, and if you desaturate by 10%, it is **60.4040, 20.5068, -44.2043**.

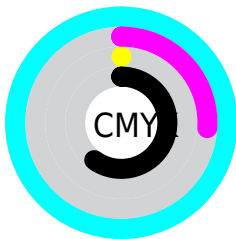
Distribution



- Red (0%)
- Green (29%)
- Blue (40%)



- Red (0%)
- Yellow (17%)
- Blue (40%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6530, 22.8491, -48.8077 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 55.6530, 22.8491, -48.8077 by changing the saturation by 10% instead.

■ 55.6530, 22.8491,
-48.8077

■ 55.6530, 22.8491,
-48.8077

■ 255.0000, 0.0000,
0.0000

■ 39.4160, 19.0219,
-34.5678

■ 110.8610, 20.7745,
-36.7121

■ 24.4670, 15.0528,
-21.4576

■ 137.2740, 21.0639,
-36.1973

■ 5.0500, 14.2723,
-4.4289

■ 163.8010, 21.7901,
-35.7825

■ 0.9120, 3.4944,
-0.7998

■ 191.8010, 21.7901,
-35.7825

■ 0.0000, 0.0000,
0.0000

■ 218.7750, 17.8589,
-34.8827

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 55.6530, 22.8491,
-48.8077

■ 60.4040, 20.5068,
-44.2043

■ 64.5680, 18.4540,
-39.0861

■ 69.6180, 15.9643,
-33.8680

■ 74.3690, 13.6221,
-29.2646

■ 79.1200, 11.2798,
-24.6612

■ 83.2840, 9.2270,
-19.5431

■ 88.0350, 6.8847,
-14.9397

■ 93.0850, 4.3951,
-9.7215

■ 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.



56.0460, 16.7393, -49.1523



55.6530, 22.8491, -48.8077



67.1130, 18.6783, -17.6391

Triad

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



55.6530, 22.8491, -48.8077



70.6060, -2.2708, 28.4095



65.2260, -12.9294, -6.3372

Complementary

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



55.6530, 22.8491, -48.8077



46.3470, -22.8491, 48.8077

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.



67.1740, -17.3408, 8.6174



55.6530, 22.8491, -48.8077



69.5430, -10.1277, 28.4648

Square

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



55.6530, 22.8491, -48.8077



71.4400, 6.1921, 20.6621



68.5930, -16.0683, 20.5279



62.1080, -3.9972, -24.6507

Rectangle

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



55.6530, 22.8491, -48.8077



70.1150, 15.7193, -1.8549



68.5930, -16.0683, 20.5279



66.0910, -14.8349, -1.8338

Sweetspot

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



55.6530, 22.8491, -48.8077



114.5830, 9.0796, -18.9283



62.8380, -18.1611, -55.1089



55.3020, 5.2741, -11.6659



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.



55.6530, 22.8491, -48.8077



72.6880, 29.7338, -63.7474



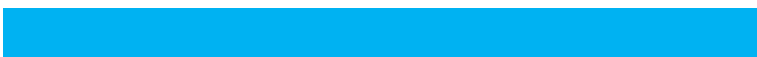
26.8900, 37.0292, -23.5825



48.9180, 1.0264, -2.5591



62.4180, 25.9229, -54.7406



132.0740, 54.1935, -115.8289

Inverse Universe

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



39.0480, 17.7243, 55.2089



50.8250, 22.7643, 72.0675



75.6970, -37.3186, 23.0677



47.9510, 1.0102, 2.6740



43.9610, 19.7392, 62.3012



92.6500, 42.0775, 130.9800

Previews

White Background



This preview shows how the YUV color 55.6530, 22.8491, -48.8077 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 55.6530, 22.8491, -48.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

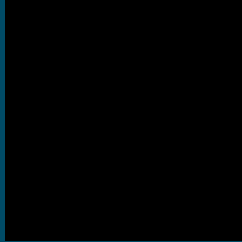
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6530, 22.8491, -48.8077

Background



This preview shows how black text looks on a background with the YUV color 55.6530, 22.8491, -48.8077.

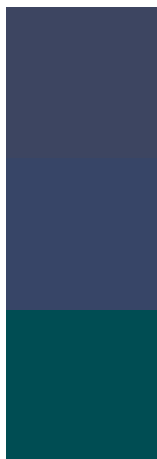


This preview shows how white text looks on a background with the YUV color 55.6530, 22.8491,

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

69.8000, 13.4096, -7.7176

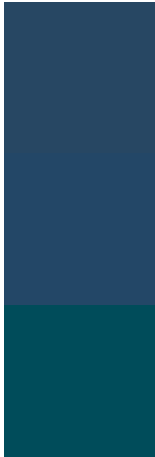
Deuteranopia

68.6900, 16.9148, -12.0061

Tritanopia

54.6610, 13.9711, -47.9377

Trichromacy



Protanomaly

64.6240, 16.9474, -22.4722

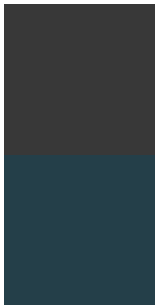
Deuteranomaly

63.8840, 19.2842, -25.3313

Tritanomaly

54.8720, 17.3181, -48.1227

Monochromacy



Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0670, 8.3480, -17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6530, 22.8491, -48.8077 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, 75, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 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, 75, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 102) }
```

Border

The CSS property to change the border of an element to YUV 55.6530, 22.8491, -48.8077 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, 75, 102) }
```

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

```
.border{ border-color:rgb(0, 75, 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, 75, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 102)  
}
```


Background

The CSS property to change the background color of an element to YUV 55.6530, 22.8491, -48.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 102) }
```

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

```
.background{ background-color: rgb(0, 75,  
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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