

Converting Colors

YUV(55.2310, 16.1551,
-48.4376)

Have a look what the booklet for
YUV(55.2310, 16.1551, -48.4376)
contains.

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Color

**YUV(55.2310, 16.1551,
-48.4376)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 004D58 |
| RGB | 0, 77, 88 |
| RGB Percent | 0%, 30%, 35% |
| CMY | 1.0000, 0.6980, 0.6549 |
| CMYK | 1.00, 0.12, 0.00, 0.65 |
| HSL | 188°, 100%, 17% |
| HSV | 188°, 100%, 35% |
| XYZ | 4.4153, 6.0123, 10.1603 |
| YIQ | 55.2310, -49.4230, -12.9030 |

Conversions

Conversions Part 2

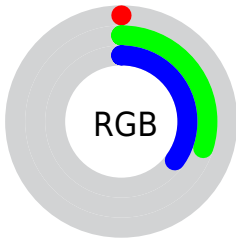
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 41, 88 |
| Decimal | 19800 |
| CIELab | 29.44, -16.14, -12.36 |
| CIELCh | 29, 20.329, 217.458 |
| Yxy | 6.0123, 0.2145, 0.2920 |
| Android (android.graphics.Color) | 4278209880 (0xFF004D58) |
| YUV | 55.2310, 16.1551, -48.4376 |
| Hunter-Lab | 24.5201, -10.7676, -7.4038 |

Details

The YUV color **55.2310, 16.1551, -48.4376** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32.7690, -16.1551, 48.4376**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4280, 14.0860, -38.0864**, and **24.2730, 9.2324, -21.2874** is the 20% darker color. If you saturate the color by 10%, you get **55.2310, 16.1551, -48.4376**, and if you desaturate by 10%, it is **58.5090, 14.5391, -43.4194**.

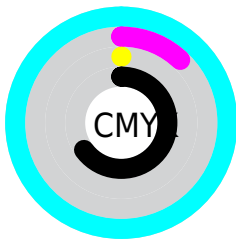
Distribution



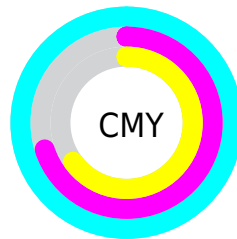
- Red (0%)
- Green (30%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2310, 16.1551, -48.4376 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 55.2310, 16.1551, -48.4376 by changing the saturation by 10% instead.

■ 55.2310, 16.1551,
-48.4376

■ 55.2310, 16.1551,
-48.4376

■ 255.0000, 0.0000,
0.0000

■ 39.1080, 12.7648,
-34.2977

■ 109.4280, 14.0860,
-38.0864

■ 24.2730, 9.2324,
-21.2874

■ 135.7270, 13.9386,
-37.4716

■ 3.2090, 9.7570,
-2.8143

■ 162.4280, 14.0860,
-38.0864

■ 0.0000, 0.0000,
0.0000

■ 190.1290, 14.2334,
-38.7011

■ 218.2430, 14.6702,
-38.8011

■ 239.1530, 7.8126,

-32.5832

■ 247.8240, 3.5378,
-14.7546

■ 55.2310, 16.1551,
-48.4376

■ 58.5090, 14.5391,
-43.4194

■ 61.7870, 12.9230,
-38.4012

■ 64.7660, 11.4544,
-33.9978

■ 68.0440, 9.8383,
-28.9796

■ 71.9090, 7.9329,
-24.4762

■ 75.1870, 6.3168,
-19.4580

■ 78.4650, 4.7008,
-14.4398

■ 81.4440, 3.2321,
-10.0364

■ 84.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



58.8920, 6.9552, -37.6163



55.2310, 16.1551, -48.4376



61.7860, 17.8535, -33.1383

Triad

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



55.2310, 16.1551, -48.4376



71.4890, 5.1819, 17.9881



68.1460, -14.8620, 6.8880

Complementary

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



55.2310, 16.1551, -48.4376



32.7690, -16.1551, 48.4376

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.



69.1520, -13.8789, 18.2837



55.2310, 16.1551, -48.4376



70.8830, -2.4073, 25.5356

Square

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



55.2310, 16.1551, -48.4376



71.0080, 11.3351, 4.3780



69.7490, -9.2433, 24.7761



66.0950, -10.8928, -6.2223

Rectangle

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



55.2310, 16.1551, -48.4376



66.3470, 17.0839, -19.5983



69.7490, -9.2433, 24.7761



68.4670, -15.0202, 10.9914

Sweetspot

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



55.2310, 16.1551, -48.4376



101.6000, 6.6062, -18.9432



52.7960, -21.0984, -46.3021



50.9600, 3.9637, -11.3659



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



55.2310, 16.1551, -48.4376



71.8100, 21.2927, -62.9774



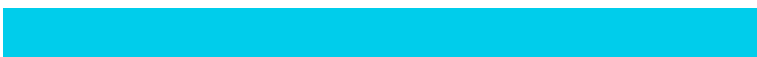
29.9900, 28.5989, -26.3012



41.8040, 0.5896, -2.4591



67.3760, 19.5346, -59.0888



147.1250, 43.3224, -129.0286

Inverse Universe

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



35.0900, 20.6616, 46.4021



45.7850, 26.7280, 60.7016



58.0100, -28.5989, 26.3012



40.6520, 1.1576, 2.0592



42.7090, 25.2865, 56.3832



93.6350, 54.9029, 123.9771

Previews

White Background



This preview shows how the YUV color 55.2310, 16.1551, -48.4376 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 55.2310, 16.1551, -48.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

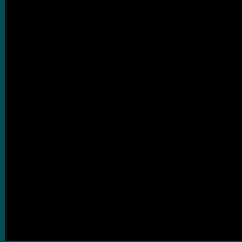
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2310, 16.1551, -48.4376

Background



This preview shows how black text looks on a background with the YUV color 55.2310, 16.1551, -48.4376.

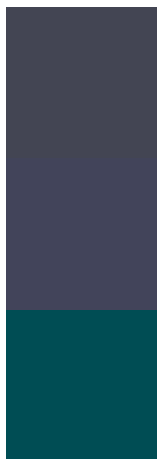


This preview shows how white text looks on a background with the YUV color 55.2310, 16.1551,

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

69.9980, 6.4100, -2.6292

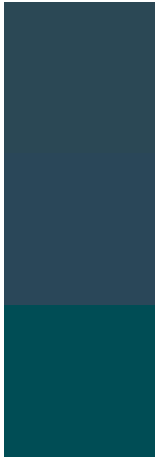
Deuteranopia

69.9100, 9.9044, -3.4291

Tritanopia

54.7750, 14.4079, -48.0377

Trichromacy



Protanomaly

64.8110, 9.9532, -19.1282

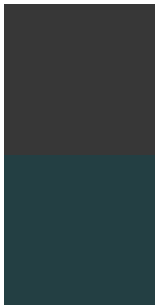
Deuteranomaly

64.3810, 12.1372, -19.6281

Tritanomaly

54.8890, 14.8447, -48.1377

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0840, 5.8746, -17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2310, 16.1551, -48.4376 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, 77, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 88)  
}
```

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, 77, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 88) }
```

Border

The CSS property to change the border of an element to YUV 55.2310, 16.1551, -48.4376 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, 77, 88) }
```

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

```
.border{ border-color:rgb(0, 77, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 77, 88); box-shadow:4px  
4px 4px 4px rgb(0, 77, 88) }
```


Background

The CSS property to change the background color of an element to YUV 55.2310, 16.1551, -48.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 88) }
```

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

```
.background{ background-color: rgb(0, 77,  
88) }
```

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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