

Converting Colors

YUV(55.2430, 31.4322,
-48.4481)

Have a look what the booklet for
YUV(55.2430, 31.4322, -48.4481)
contains.

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Color

**YUV(55.2430, 31.4322,
-48.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	004777
RGB	0, 71, 119
RGB Percent	0%, 28%, 47%
CMY	1.0000, 0.7216, 0.5333
CMYK	1.00, 0.40, 0.00, 0.53
HSL	204°, 100%, 23%
HSV	204°, 100%, 47%
XYZ	5.5830, 5.8384, 18.2854
YIQ	55.2430, -57.7240, -0.1240

Conversions

Conversions Part 2

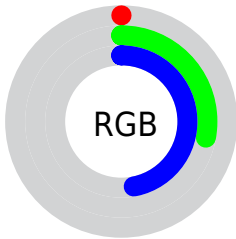
Format	Color
RYB	0, 44, 119
Decimal	18295
CIELab	29.00, 0.39, -32.76
CIELCh	29, 32.757, 270.687
Yxy	5.8384, 0.1879, 0.1965
Android (android.graphics.Color)	4278208375 (0xFF004777)
YUV	55.2430, 31.4322, -48.4481
Hunter-Lab	24.1628, -1.0409, -27.9544

Details

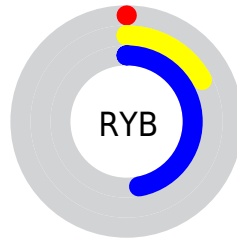
The YUV color **55.2430, 31.4322, -48.4481** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **63.7570, -31.4322, 48.4481**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5870, 29.7836, -32.9638**, and **24.4160, 22.4729, -21.4128** is the 20% darker color. If you saturate the color by 10%, you get **55.2430, 31.4322, -48.4481**, and if you desaturate by 10%, it is **61.7660, 28.2164, -43.6448**.

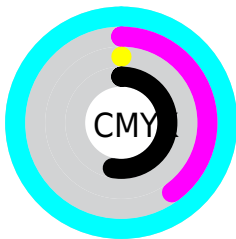
Distribution



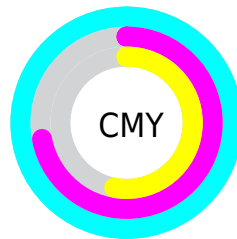
- Red (0%)
- Green (28%)
- Blue (47%)



- Red (0%)
- Yellow (17%)
- Blue (47%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2430, 31.4322, -48.4481 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 55.2430, 31.4322, -48.4481 by changing the saturation by 10% instead.

■ 55.2430, 31.4322,
-48.4481

■ 55.2430, 31.4322,
-48.4481

■ 255.0000, 0.0000,
0.0000

■ 39.4790, 26.8789,
-34.6231

■ 111.5870, 29.7836,
-32.9638

■ 24.4160, 22.4729,
-21.4128

■ 138.0000, 30.0730,
-32.4490

■ 7.7060, 19.3719,
-6.7582

■ 164.8260, 30.6518,
-31.4194

■ 3.5510, 11.0674,
-3.1142

■ 192.2390, 30.9412,
-30.9046

■ 0.0000, 0.0000,
0.0000

■ 217.0470, 18.7108,
-28.1052

■ 242.7410, 6.0437,

-25.2059

■ 251.7110, 1.6215,
-6.7625

■ 55.2430, 31.4322,
-48.4481

■ 61.7660, 28.2164,
-43.6448

■ 68.2890, 25.0005,
-38.8415

■ 74.2250, 22.0741,
-33.5233

■ 80.7480, 18.8582,
-28.7200

■ 86.9720, 15.7898,
-24.5314

■ 93.4950, 12.5740,
-19.7281

■ 100.0180, 9.3581,
-14.9248

■ 105.9540, 6.4317,
-9.6067

■ 112.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



57.9670, 26.6383, -50.8371



55.2430, 31.4322, -48.4481



69.5050, 20.9500, 0.4341

Triad

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



55.2430, 31.4322, -48.4481



66.9790, -11.3286, 40.3604



56.5430, -7.1697, -33.8022

Complementary

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



55.2430, 31.4322, -48.4481



63.7570, -31.4322, 48.4481

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.



62.6900, -20.0602, -5.8671



55.2430, 31.4322, -48.4481



66.9810, -21.1896, 29.8347

Square

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



55.2430, 31.4322, -48.4481



68.0680, 0.4595, 39.4054



65.0300, -25.6508, 14.0057



55.2990, 6.2616, -48.4972

Rectangle

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



55.2430, 31.4322, -48.4481



70.4210, 15.0754, 18.0478



65.0300, -25.6508, 14.0057



59.9420, -12.2964, -22.7511

Sweetspot

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



55.2430, 31.4322, -48.4481



130.7940, 12.4266, -19.1133



75.3250, -13.4712, -66.0600



64.1710, 7.3107, -11.5510



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



55.2430, 31.4322, -48.4481



72.3750, 41.2271, -63.4729



20.6100, 48.5063, -18.0750



55.4450, 1.7526, -2.1443



56.7590, 32.1638, -49.7776



115.9630, 66.0802, -101.6996

Inverse Universe

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



43.6750, 13.4712, 66.0600



57.2460, 17.6267, 86.6073



98.3900, -48.5063, 18.0750



55.1360, 0.4260, 3.3887



44.8000, 13.9026, 67.7044



91.7360, 28.2312, 138.7975

Previews

White Background



This preview shows how the YUV color 55.2430, 31.4322, -48.4481 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 55.2430, 31.4322, -48.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

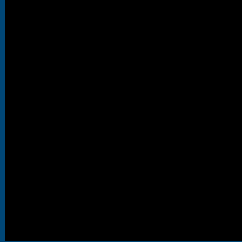
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2430, 31.4322, -48.4481

Background



This preview shows how black text looks on a background with the YUV color 55.2430, 31.4322, -48.4481.



This preview shows how white text looks on a background with the YUV color 55.2430, 31.4322, -48.4481.

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

55.2430, 31.4322, -48.4481

Protanopia

67.0900, 23.6196, -15.8649

Deuteranopia

63.0280, 27.5942, -30.7196



Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Original Color

55.2430, 31.4322, -48.4481

Protanomaly

62.4090, 26.4204, -27.5457

Deuteranomaly

60.0380, 29.0683, -36.8673

Tritanomaly

54.2680, 20.0809, -47.5930

Monochromacy



Original Color

55.2430, 31.4322, -48.4481

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.1640, 11.2581, -17.6838

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2430, 31.4322, -48.4481 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 119) }
```

Border

The CSS property to change the border of an element to YUV 55.2430, 31.4322, -48.4481 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, 119) }
```


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

```
.border{ border-color:rgb(0, 71, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 119)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.2430, 31.4322, -48.4481 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, 119) }
```

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

```
.background{ background-color: rgb(0, 71,  
119) }
```

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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