

Converting Colors

YUV(55.1630, 26.0486,
-48.3780)

Have a look what the booklet for
YUV(55.1630, 26.0486, -48.3780)
contains.

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Color

**YUV(55.1630, 26.0486,
-48.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	00496C
RGB	0, 73, 108
RGB Percent	0%, 29%, 42%
CMY	1.0000, 0.7137, 0.5765
CMYK	1.00, 0.32, 0.00, 0.58
HSL	199°, 100%, 21%
HSV	199°, 100%, 42%
XYZ	5.0893, 5.8478, 15.0479
YIQ	55.1630, -54.7430, -4.5910

Conversions

Conversions Part 2

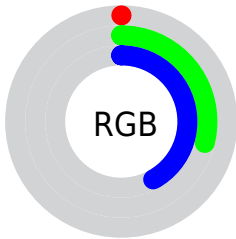
Format	Color
RYB	0, 44, 108
Decimal	18796
CIELab	29.03, -5.62, -25.77
CIELCh	29, 26.379, 257.704
Yxy	5.8478, 0.1959, 0.2250
Android (android.graphics.Color)	4278208876 (0xFF00496C)
YUV	55.1630, 26.0486, -48.3780
Hunter-Lab	24.1822, -4.7523, -19.9668

Details

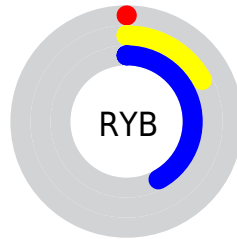
The YUV color **55.1630, 26.0486, -48.3780** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **52.8370, -26.0486, 48.3780**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1970, 24.5529, -35.2528**, and **24.4500, 17.5261, -21.4427** is the 20% darker color. If you saturate the color by 10%, you get **55.1630, 26.0486, -48.3780**, and if you desaturate by 10%, it is **60.8000, 23.2696, -43.6746**.

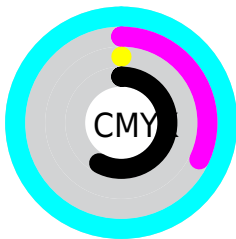
Distribution



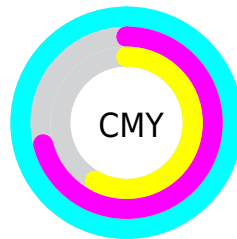
- Red (0%)
- Green (29%)
- Blue (42%)



- Red (0%)
- Yellow (17%)
- Blue (42%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1630, 26.0486, -48.3780 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 55.1630, 26.0486, -48.3780 by changing the saturation by 10% instead.

■ 55.1630, 26.0486,
-48.3780

■ 55.1630, 26.0486,
-48.3780

■ 255.0000, 0.0000,
0.0000

■ 39.5130, 21.9321,
-34.6529

■ 110.1970, 24.5529,
-35.2528

■ 24.4500, 17.5261,
-21.4427

■ 136.9090, 24.6949,
-34.1232

■ 6.2070, 16.1669,
-5.4435

■ 164.0230, 25.1317,
-34.2232

■ 2.4110, 6.6994,
-2.1144

■ 191.4360, 25.4211,
-33.7084

■ 0.0000, 0.0000,
0.0000

■ 217.6120, 18.4323,
-32.1087

■ 241.2460, 6.7807,

-28.2797

■ 249.9170, 2.5059,
-10.4512

■ 55.1630, 26.0486,
-48.3780

■ 60.8000, 23.2696,
-43.6746

■ 65.8500, 20.7800,
-38.4564

■ 71.1880, 18.1483,
-34.3679

■ 76.2380, 15.6587,
-29.1497

■ 81.8750, 12.8796,
-24.4464

■ 86.9250, 10.3900,
-19.2282

■ 92.5620, 7.6109,
-14.5249

■ 97.3130, 5.2687,
-9.9215

■ 102.9500, 2.4896,
-5.2182

Harmonies

Analogous

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



56.3710, 20.5231, -49.4374



55.1630, 26.0486, -48.3780



67.6840, 19.3828, -10.2469

Triad

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



55.1630, 26.0486, -48.3780



69.0150, -5.9234, 33.3128



62.6270, -11.1551, -15.4589

Complementary

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



55.1630, 26.0486, -48.3780



52.8370, -26.0486, 48.3780

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.



65.5000, -18.4875, 3.0695



55.1630, 26.0486, -48.3780



68.1040, -14.3483, 28.8498

Square

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



55.1630, 26.0486, -48.3780



69.9140, 3.9864, 28.1394



67.0720, -19.2625, 18.3539



54.6050, 2.1667, -41.7496

Rectangle

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



55.1630, 26.0486, -48.3780



70.3440, 15.1134, 5.8373



67.0720, -19.2625, 18.3539



63.5740, -14.0870, -8.3964

Sweetspot

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



55.1630, 26.0486, -48.3780



119.8110, 9.9532, -19.1282



67.2720, -16.4031, -58.9975



58.8290, 6.0003, -11.2510



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



55.1630, 26.0486, -48.3780



71.7250, 33.6596, -62.9028



24.0520, 41.3864, -21.0936



51.0320, 1.4632, -2.6591



59.7110, 28.2435, -52.3665



124.7850, 59.2660, -109.4364

Inverse Universe

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



40.6140, 15.9663, 59.0975



52.6900, 20.8588, 76.5709



83.9480, -41.3864, 21.0936



50.2500, 0.8628, 3.2887



43.9890, 17.2604, 64.0306



92.0650, 35.9570, 134.1240

Previews

White Background



This preview shows how the YUV color 55.1630, 26.0486, -48.3780 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 55.1630, 26.0486, -48.3780 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 55.1630, 26.0486, -48.3780

Background



This preview shows how black text looks on a background with the YUV color 55.1630, 26.0486, -48.3780.



This preview shows how white text looks on a background with the YUV color 55.1630, 26.0486, -48.3780.

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

68.4020, 17.0568, -10.8766

Deuteranopia

66.6830, 20.8623, -18.1390

Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Protanomaly

63.8240, 20.2998, -24.4016

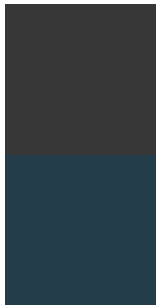
Deuteranomaly

62.1870, 23.0788, -29.1050

Tritanomaly

54.3990, 18.0443, -47.7079

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2950, 9.2216, -17.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1630, 26.0486, -48.3780 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, 73, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 108)  
}
```

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, 73, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 108) }
```

Border

The CSS property to change the border of an element to YUV 55.1630, 26.0486, -48.3780 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, 73, 108) }
```

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

```
.border{ border-color:rgb(0, 73, 108) }
```

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

Here you see how a box with a 4 pixel rgb(0, 73, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 108)  
}
```


Background

The CSS property to change the background color of an element to YUV 55.1630, 26.0486, -48.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 108) }
```

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

```
.background{ background-color: rgb(0, 73,  
108) }
```

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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