

Converting Colors

YUV(62.9880, 28.1069,
-55.2405)

Have a look what the booklet for
YUV(62.9880, 28.1069, -55.2405)
contains.

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Color

**YUV(62.9880, 28.1069,
-55.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	005478
RGB	0, 84, 120
RGB Percent	0%, 33%, 47%
CMY	1.0000, 0.6706, 0.5294
CMYK	1.00, 0.30, 0.00, 0.53
HSL	198°, 100%, 24%
HSV	198°, 100%, 47%
XYZ	6.5605, 7.6967, 18.9091
YIQ	62.9880, -61.6200, -6.6120

Conversions

Conversions Part 2

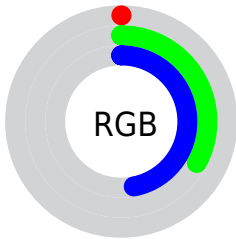
Format	Color
RYB	0, 49, 120
Decimal	21624
CIELab	33.34, -7.58, -26.51
CIELCh	33, 27.573, 254.035
Yxy	7.6967, 0.1978, 0.2321
Android (android.graphics.Color)	4278211704 (0xFF005478)
YUV	62.9880, 28.1069, -55.2405
Hunter-Lab	27.7430, -6.3395, -20.9910

Details

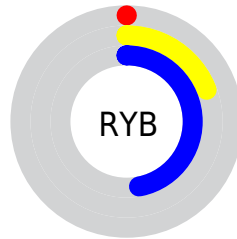
The YUV color **62.9880, 28.1069, -55.2405** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **57.0120, -28.1069, 55.2405**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9190, 26.1689, -40.2710**, and **30.9870, 19.7264, -27.1756** is the 20% darker color. If you saturate the color by 10%, you get **62.9880, 28.1069, -55.2405**, and if you desaturate by 10%, it is **68.9240, 25.1805, -49.9223**.

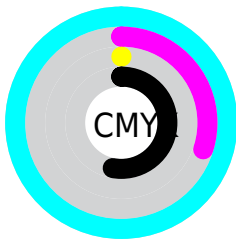
Distribution



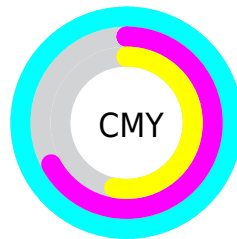
- Red (0%)
- Green (33%)
- Blue (47%)



- Red (0%)
- Yellow (19%)
- Blue (47%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9880, 28.1069, -55.2405 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 62.9880, 28.1069, -55.2405 by changing the saturation by 10% instead.

62.9880, 28.1069,
-55.2405

62.9880, 28.1069,
-55.2405

255.0000, 0.0000,
0.0000

46.6370, 23.8430,
-40.9006

119.9190, 26.1689,
-40.2710

30.9870, 19.7264,
-27.1756

147.2180, 26.0215,
-39.6562

16.7390, 15.9047,
-14.6801

174.0440, 26.6003,
-38.6266

3.6650, 11.5042,
-3.2142

201.9300, 26.1635,
-38.5266

0.0000, 0.0000,
0.0000

227.6240, 13.4964,
-35.6272

243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

62.9880, 28.1069,
-55.2405

68.9240, 25.1805,
-49.9223

74.2730, 22.5434,
-44.0894

80.2090, 19.6170,
-38.7713

85.5580, 16.9799,
-32.9384

91.4940, 14.0535,
-27.6202

■ 97.4300, 11.1270,
-22.3021

■ 102.7790, 8.4900,
-16.4692

■ 108.7150, 5.5635,
-11.1511

■ 114.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



63.9680, 21.7078, -56.0999



62.9880, 28.1069, -55.2405



77.2320, 21.5776, -14.2355

Triad

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



62.9880, 28.1069, -55.2405



79.5530, -5.2026, 35.4720



72.7690, -13.1971, -13.8294

Complementary

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



62.9880, 28.1069, -55.2405



57.0120, -28.1069, 55.2405

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.



75.4680, -19.9507, 5.7286



62.9880, 28.1069, -55.2405



78.1260, -14.3591, 32.3385

Square

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



62.9880, 28.1069, -55.2405



80.5550, 5.1494, 28.4543



77.1540, -20.2889, 20.9129



66.9430, -0.4649, -37.6610

Rectangle

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



62.9880, 28.1069, -55.2405



80.4900, 17.0134, 3.0783



77.1540, -20.2889, 20.9129



73.7160, -16.1290, -6.7669

Sweetspot

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



62.9880, 28.1069, -55.2405



133.7290, 10.9796, -21.6873



74.5440, -19.0022, -65.3751



65.9320, 6.4425, -13.0954



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.



62.9880, 28.1069, -55.2405



81.7670, 36.5969, -71.7097



27.7680, 45.4704, -24.3525



58.0320, 1.4632, -2.6591



65.3190, 29.4227, -57.2848



132.6270, 58.8509, -116.3139

Inverse Universe

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



45.4560, 19.0022, 65.3751



59.0700, 24.6155, 85.0076



92.2320, -45.4704, 24.3525



57.2500, 0.8628, 3.2887



47.2930, 19.5756, 68.1490



95.5260, 40.1667, 137.2277

Previews

White Background



This preview shows how the YUV color 62.9880, 28.1069, -55.2405 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 62.9880, 28.1069, -55.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

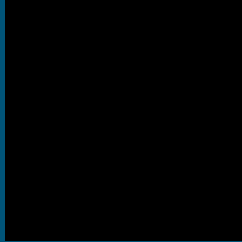
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9880, 28.1069, -55.2405

Background



This preview shows how black text looks on a background with the YUV color 62.9880, 28.1069, -55.2405.



This preview shows how white text looks on a background with the YUV color 62.9880, 28.1069,

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

77.9290, 17.7830, -10.4617

Deuteranopia

76.6230, 21.8779, -17.2094

Tritanopia

61.7850, 15.8820, -54.1854

Trichromacy



Protanomaly

72.7420, 21.3262, -26.9607

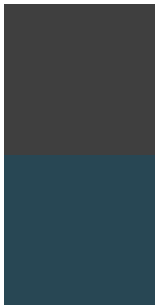
Deuteranomaly

71.5180, 24.3946, -31.1493

Tritanomaly

62.2240, 20.1026, -54.5704

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2130, 10.2480, -20.3578

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9880, 28.1069, -55.2405 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, 84, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 120)  
}
```

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, 84, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 120) }
```

Border

The CSS property to change the border of an element to YUV 62.9880, 28.1069, -55.2405 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, 84, 120) }
```

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

```
.border{ border-color:rgb(0, 84, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 84, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 84, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 84, 120)  
}
```


Background

The CSS property to change the background color of an element to YUV 62.9880, 28.1069, -55.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 120) }
```

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

```
.background{ background-color: rgb(0, 84,  
120) }
```

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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