

Converting Colors

YUV(59.5460, 55.4398,
-48.7138)

Have a look what the booklet for
YUV(59.5460, 55.4398, -48.7138)
contains.

YUV(59.5460, 55.4398, -48.7138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(59.5460, 55.4398,
-48.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	0442AC
RGB	4, 66, 172
RGB Percent	2%, 26%, 67%
CMY	0.9843, 0.7412, 0.3255
CMYK	0.98, 0.62, 0.00, 0.33
HSL	218°, 95%, 35%
HSV	218°, 98%, 67%
XYZ	9.4447, 6.9008, 39.8639
YIQ	59.5460, -70.9780, 19.8220

Conversions

Conversions Part 2

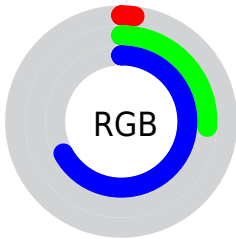
Format	Color
R _Y B	4, 49, 172
Decimal	279212
CIE Lab	31.58, 26.50, -61.04
CIE LCh	32, 66.548, 293.470
Yxy	6.9008, 0.1680, 0.1228
Android (android.graphics.Color)	4278469292 (0xFF0442AC)
YUV	59.5460, 55.4398, -48.7138
Hunter-Lab	26.2694, 18.2051, -71.5844

Details

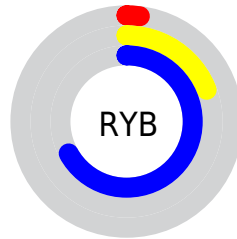
The YUV color **59.5460, 55.4398, -48.7138** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **116.4540, -55.4398, 48.7138**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8310, 53.3273, -24.4078**, and **28.1270, 44.3074, -24.6674** is the 20% darker color. If you saturate the color by 10%, you get **56.5890, 56.8976, -49.6286**, and if you desaturate by 10%, it is **71.0860, 49.7506, -43.9254**.

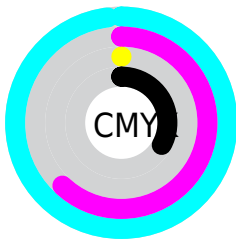
Distribution



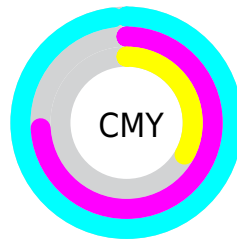
- Red (2%)
- Green (26%)
- Blue (67%)



- Red (2%)
- Yellow (19%)
- Blue (67%)



- Cyan (98%)
- Magenta (62%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (74%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5460, 55.4398, -48.7138 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 59.5460, 55.4398, -48.7138 by changing the saturation by 10% instead.

■ 59.5460, 55.4398,
-48.7138

■ 59.5460, 55.4398,
-48.7138

■ 255.0000, 0.0000,
0.0000

■ 42.3580, 50.6025,
-37.1480

■ 119.8310, 53.3273,
-24.4078

■ 28.1270, 44.3074,
-24.6674

■ 147.4400, 53.0271,
-21.4339

■ 10.6020, 40.6222,
-9.2980

■ 171.6720, 41.0807,
-16.3753

■ 12.4480, 27.3871,
-10.9169

■ 196.1920, 28.9923,
-12.4464

■ 6.8910, 18.7877,
-6.0434

■ 221.5980, 16.4672,
-8.4174

■ 3.3230, 10.1938,
-2.9143

■ 247.0040, 3.9420,

■ 0.0000, 0.0000,

-4.3885

0.0000

■ 59.5460, 55.4398,
-48.7138

■ 59.5460, 55.4398,
-48.7138

■ 56.5890, 56.8976,
-49.6286

■ 71.0860, 49.7506,
-43.9254

■ 82.6260, 44.0614,
-39.1370

■ 94.4650, 38.2248,
-33.7338

■ 105.4180, 32.8249,
-28.4306

■ 116.9580, 27.1357,
-23.6422

■ 128.4980, 21.4465,
-18.8537

■ 140.0380, 15.7573,
-14.0653

■ 151.8770, 9.9206,
-8.6621

■ 163.4170, 4.2314,
-3.8737

Harmonies

Analogous

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



70.4150, 54.0254, -61.7540



59.5460, 55.4398, -48.7138



69.5320, 33.7547, 46.8914

Triad

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



59.5460, 55.4398, -48.7138



64.7420, -31.9178, 64.2473



62.1320, -0.5581, -54.4898

Complementary

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



59.5460, 55.4398, -48.7138



116.4540, -55.4398, 48.7138

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.



53.4170, -26.3346, -46.8467



59.5460, 55.4398, -48.7138



70.1150, -34.5667, 27.0861

Square

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



59.5460, 55.4398, -48.7138



51.7590, -7.2762, 94.0504



64.2690, -31.6846, -10.7599



68.8750, 22.7396, -60.4034

Rectangle

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



59.5460, 55.4398, -48.7138



56.8200, 23.7527, 81.7189



64.2690, -31.6846, -10.7599



59.3790, -8.5678, -52.0754

Sweetspot

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



59.5460, 55.4398, -48.7138



180.4980, 21.4465, -18.8537



114.4720, -3.1907, -96.8839



85.6640, 12.9836, -11.1063



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



59.5460, 55.4398, -48.7138



74.2570, 73.8233, -65.1234



29.1320, 70.4339, -4.5008



80.7870, 3.0630, -2.4442



49.9720, 49.3138, -43.8254



7.3180, 7.7312, -6.4179

Inverse Universe

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



61.3000, 2.3171, 97.0839



76.4380, 3.2351, 129.4119



146.8680, -70.4339, 4.5008



81.0330, -0.0163, 5.2331



51.2340, 2.3496, 86.6178



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 59.5460, 55.4398, -48.7138 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 59.5460, 55.4398, -48.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

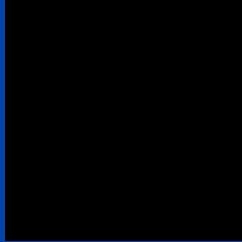
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5460, 55.4398, -48.7138

Background



This preview shows how black text looks on a background with the YUV color 59.5460, 55.4398, -48.7138.



This preview shows how white text looks on a background with the YUV color 59.5460, 55.4398, -48.7138.

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

59.5460, 55.4398, -48.7138

Protanopia

59.5920, 45.5571, -52.2622

Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

59.5460, 55.4398, -48.7138

Protanomaly

59.5150, 49.0461, -51.3177

Tritanomaly

58.9500, 29.1117, -50.8221

Monochromacy



Original Color

59.5460, 55.4398, -48.7138

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8680, 20.2781, -17.4242

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5460, 55.4398, -48.7138 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(4, 66, 172)` looks like.

```
.text, #text, p{  
    color:rgb(4, 66, 172)  
}
```

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(4, 66, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 66, 172) }
```

Border

The CSS property to change the border of an element to YUV 59.5460, 55.4398, -48.7138 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(4, 66, 172) }
```

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

```
.border{ border-color:rgb(4, 66, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 66, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 66, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 66, 172);  
box-shadow:4px 4px 4px 4px rgb(4, 66, 172)  
}
```


Background

The CSS property to change the background color of an element to YUV 59.5460, 55.4398, -48.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 66, 172) }
```

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

```
.background{ background-color: rgb(4, 66,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor