

Converting Colors

YUV(149.9540, 16.2917,
-45.5637)

Have a look what the booklet for
YUV(149.9540, 16.2917, -45.5637)
contains.

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Color

**YUV(149.9540, 16.2917,
-45.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	62AAB7
RGB	98, 170, 183
RGB Percent	38%, 67%, 72%
CMY	0.6157, 0.3333, 0.2824
CMYK	0.46, 0.07, 0.00, 0.28
HSL	189°, 37%, 55%
HSV	189°, 46%, 72%
XYZ	27.9590, 34.7650, 50.0365
YIQ	149.9540, -47.0850, -11.2210

Conversions

Conversions Part 2

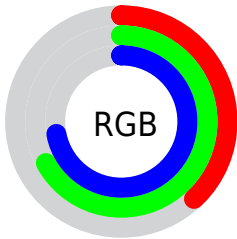
Format	Color
RYB	98, 137, 183
Decimal	6466231
CIELab	65.57, -19.04, -13.71
CIElCh	66, 23.465, 215.746
Yxy	34.7650, 0.2480, 0.3083
Android (android.graphics.Color)	4284656311 (0xFF62AAB7)
YUV	149.9540, 16.2917, -45.5637
Hunter-Lab	58.9619, -18.5408, -9.0416

Details

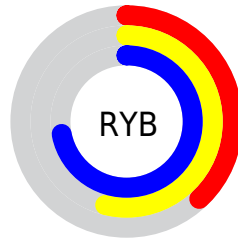
The YUV color **149.9540, 16.2917, -45.5637** is a light color, and the websafe version is hex **669999**. A complement of this color would be **131.0460, -16.2917, 45.5637**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0680, 16.7285, -45.6636**, and **96.0460, 16.7393, -49.1523** is the 20% darker color. If you saturate the color by 10%, you get **142.8110, 19.8132, -55.0852**, and if you desaturate by 10%, it is **157.0970, 12.7702, -36.0421**.

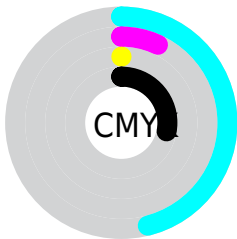
Distribution



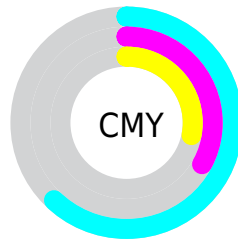
- Red (38%)
- Green (67%)
- Blue (72%)



- Red (38%)
- Yellow (54%)
- Blue (72%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.9540, 16.2917, -45.5637 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 149.9540, 16.2917, -45.5637 by changing the saturation by 10% instead.

■ 149.9540, 16.2917,
-45.5637

■ 149.9540, 16.2917,
-45.5637

■ 255.0000, 0.0000,
0.0000

■ 122.6550, 16.4391,
-46.1784

■ 205.0680, 16.7285,
-45.6636

■ 96.0460, 16.7393,
-49.1523

■ 232.5860, 11.0501,
-44.3639

■ 66.5610, 18.9504,
-58.3740

■ 241.5450, 6.6333,
-27.6650

■ 49.7370, 15.4127,
-43.6193

■ 250.5150, 2.2111,
-9.2217

■ 33.6140, 12.0223,
-29.4795

■ 19.9530, 7.9112,
-17.4988

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 149.9540, 16.2917,
-45.5637

■ 149.9540, 16.2917,
-45.5637

■ 142.8110, 19.8132,
-55.0852

■ 157.0970, 12.7702,
-36.0421

■ 135.3690, 23.4821,
-65.2216

■ 164.5390, 9.1013,
-25.9057

■ 128.8130, 26.7142,
-75.2580

■ 171.0950, 5.8692,
-15.8693

■ 121.6700, 30.2357,
-84.7796

■ 178.2380, 2.3477,
-6.3477

■ 114.5270, 33.7572,
-94.3012

■ 185.6800, -1.3212,
3.7886

■ 111.8470, 35.0784,
-98.0898

■ 192.8230, -4.8427,
13.3102

■ 199.9660, -8.3642,
22.8318

■ 206.5220,
-11.5963, 32.8682

■ 211.5720,
-14.0860, 38.0864

Harmonies

Analogous

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



150.0550, 6.3819, -40.3902



149.9540, 16.2917, -45.5637



153.3880, 21.5007, -36.2973

Triad

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



149.9540, 16.2917, -45.5637



162.6900, 7.0548, 23.9509



157.8000, -20.1144, 11.5764

Complementary

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



149.9540, 16.2917, -45.5637



131.0460, -16.2917, 45.5637

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.



159.6430, -18.5580, 25.7461



149.9540, 16.2917, -45.5637



162.4110, -3.1606, 33.8426

Square

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



149.9540, 16.2917, -45.5637



161.4580, 15.5502, 5.7373



161.3050, -12.4754, 34.8125



155.3570, -14.9660, -6.4521

Rectangle

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



149.9540, 16.2917, -45.5637



156.5790, 21.8996, -24.1868



161.3050, -12.4754, 34.8125



158.8330, -20.1307, 16.8095

Sweetspot

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



149.9540, 16.2917, -45.5637



224.1980, 6.3114, -17.7136



149.3770, -18.9199, -45.0576



111.9600, 3.9637, -11.3659



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



149.9540, 16.2917, -45.5637



185.4930, 25.3930, -71.4694



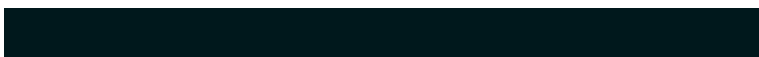
125.3000, 28.4461, -23.9421



88.1350, 1.9054, -4.5034



95.2680, 29.9409, -83.5500



17.2800, 5.2850, -15.1546

Inverse Universe

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



131.6230, 18.9199, 45.0576



156.6490, 29.7530, 70.4678



155.7000, -28.4461, 23.9421



86.4890, 1.7309, 4.8331



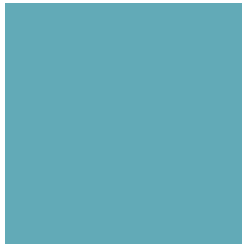
61.6920, 34.6618, 82.7081



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 149.9540, 16.2917, -45.5637 looks on a white 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

Black Background



This preview shows how the YUV color 149.9540, 16.2917, -45.5637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

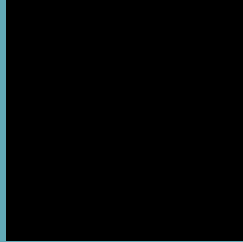
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.9540, 16.2917, -45.5637

Background



This preview shows how black text looks on a background with the YUV color 149.9540, 16.2917, -45.5637.



This preview shows how white text looks on a background with the YUV color 149.9540, 16.2917, -45.5637.

-45.5637.

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

149.9540, 16.2917, -45.5637

Protanopia

158.7530, 8.0098, -2.4144

Deuteranopia

160.0290, 12.8037, -0.0254



Tritanopia

150.0680, 16.7285, -45.6636

Trichromacy



Original Color

149.9540, 16.2917, -45.5637

Protanomaly

155.7510, 10.9688, -18.1986

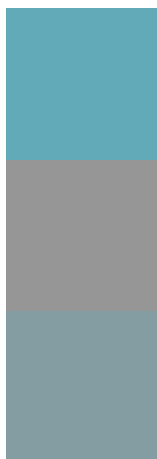
Deuteranomaly

155.9730, 14.3103, -16.6393

Tritanomaly

150.0680, 16.7285, -45.6636

Monochromacy



Original Color

149.9540, 16.2917, -45.5637

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7960, 6.0166, -16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9540, 16.2917, -45.5637 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(98, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(98, 170, 183)  
}
```

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(98, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 170, 183) }
```

Border

The CSS property to change the border of an element to YUV 149.9540, 16.2917, -45.5637 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(98, 170, 183) }
```


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

```
.border{ border-color:rgb(98, 170, 183) }
```

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

Here you see how a box with a 4 pixel rgb(98, 170, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(98, 170,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 149.9540, 16.2917, -45.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 170, 183) }
```

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

```
.background{ background-color: rgb(98, 170,  
183) }
```

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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