

Converting Colors

YUV(124.9650, 16.2863,
-43.8193)

Have a look what the booklet for
YUV(124.9650, 16.2863, -43.8193)
contains.

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Color

**YUV(124.9650, 16.2863,
-43.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	4B909E
RGB	75, 144, 158
RGB Percent	29%, 56%, 62%
CMY	0.7059, 0.4353, 0.3804
CMYK	0.53, 0.09, 0.00, 0.38
HSL	190°, 36%, 46%
HSV	190°, 53%, 62%
XYZ	19.0465, 23.9110, 35.9592
YIQ	124.9650, -45.6180, -10.2740

Conversions

Conversions Part 2

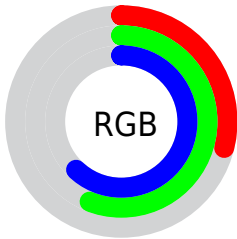
Format	Color
R_{YB}	75, 113, 158
Decimal	4952222
CIE _{Lab}	56.00, -17.75, -14.11
CIE _{LCh}	56, 22.672, 218.484
Yxy	23.9110, 0.2413, 0.3030
Android (android.graphics.Color)	4283142302 (0xFF4B909E)
YUV	124.9650, 16.2863, -43.8193
Hunter-Lab	48.8989, -16.0460, -9.3714

Details

The YUV color **124.9650, 16.2863, -43.8193** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.0350, -16.2863, 43.8193**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.3780, 16.5756, -43.3045**, and **69.1810, 18.6448, -53.6557** is the 20% darker color. If you saturate the color by 10%, you get **118.4200, 19.5129, -52.1113**, and if you desaturate by 10%, it is **131.5100, 13.0596, -35.5273**.

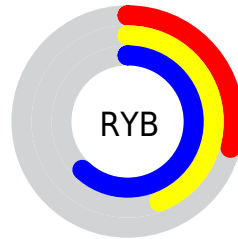
Distribution



Red (29%)

Green (56%)

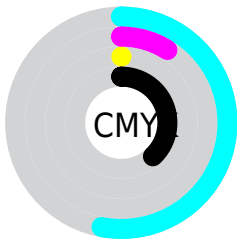
Blue (62%)



Red (29%)

Yellow (44%)

Blue (62%)

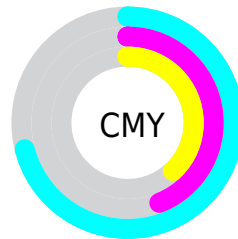


Cyan (53%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (71%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9650, 16.2863, -43.8193 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 124.9650, 16.2863, -43.8193 by changing the saturation by 10% instead.

■ 124.9650, 16.2863,
-43.8193

■ 124.9650, 16.2863,
-43.8193

■ 255.0000, 0.0000,
0.0000

■ 98.0680, 16.7285,
-45.6636

■ 179.3780, 16.5756,
-43.3045

■ 69.1810, 18.6448,
-53.6557

■ 207.3780, 16.5756,
-43.3045

■ 50.4380, 15.5601,
-44.2341

■ 234.3690, 10.1711,
-42.4196

■ 34.3150, 12.1697,
-30.0943

■ 243.0400, 5.8963,
-24.5911

■ 20.7680, 8.4954,
-18.2135

■ 251.7110, 1.6215,
-6.7625

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 124.9650, 16.2863,
-43.8193

■ 124.9650, 16.2863,
-43.8193

■ 118.4200, 19.5129,
-52.1113

■ 131.5100, 13.0596,
-35.5273

■ 112.4620, 22.4502,
-60.9182

■ 137.4680, 10.1223,
-26.7204

■ 106.2160, 25.5295,
-68.5954

■ 143.7140, 7.0430,
-19.0432

■ 99.6710, 28.7562,
-76.8875

■ 150.2590, 3.8163,
-10.7511

■ 94.9090, 31.1039,
-83.2352

■ 156.2170, 0.8790,
-1.9443

■ 162.7620, -2.3477,
6.3477

■ 169.3070, -5.5744,
14.6398

■ 174.9660, -8.3642,
22.8318

■ 181.5110,
-11.5909, 31.1239

Harmonies

Analogous

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



124.8810, 6.9607, -39.3606



124.9650, 16.2863, -43.8193



128.7690, 20.3269, -33.1234

Triad

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



124.9650, 16.2863, -43.8193



137.6360, 5.6025, 23.1212



132.8320, -18.6512, 8.9173

Complementary

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



124.9650, 16.2863, -43.8193



108.0350, -16.2863, 43.8193

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.



134.4470, -17.9684, 23.2870



124.9650, 16.2863, -43.8193



137.1720, -4.0288, 32.2982

Square

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



124.9650, 16.2863, -43.8193



136.4150, 14.0924, 6.6520



135.6960, -12.1751, 31.8386



130.1010, -13.3608, -7.9816

Rectangle

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



124.9650, 16.2863, -43.8193



131.8460, 20.2889, -20.9129



135.6960, -12.1751, 31.8386



133.4520, -18.9568, 13.6356

Sweetspot

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



124.9650, 16.2863, -43.8193



193.6110, 6.6008, -17.1988



125.3170, -17.9043, -44.1280



96.6720, 4.1057, -10.2363



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



124.9650, 16.2863, -43.8193



154.9170, 25.6769, -69.2102



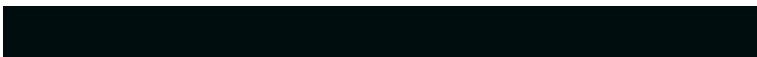
100.8980, 28.1513, -22.7125



76.0210, 1.4686, -4.4034



86.1550, 28.0246, -75.5579



9.3410, 2.7899, -8.1921

Inverse Universe

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



107.6830, 17.9043, 44.1280



127.5950, 28.3007, 69.6382



132.1020, -28.1513, 22.7125



74.1900, 1.8783, 4.2184



56.3230, 30.8998, 76.0157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 124.9650, 16.2863, -43.8193 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 124.9650, 16.2863, -43.8193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

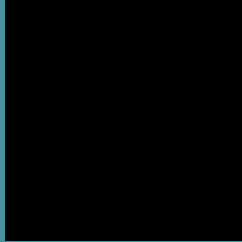
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.9650, 16.2863, -43.8193

Background



This preview shows how black text looks on a background with the YUV color 124.9650, 16.2863, -43.8193.



This preview shows how white text looks on a background with the YUV color 124.9650, 16.2863, -43.8193.

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

124.9650, 16.2863, -43.8193

Protanopia

134.3400, 7.7204, -2.9292

Deuteranopia

135.0180, 12.8091, -1.7698



Tritanopia

124.4380, 15.5601, -44.2341

Trichromacy



Original Color

124.9650, 16.2863, -43.8193

Protanomaly

131.0500, 10.8213, -17.5839

Deuteranomaly

131.5600, 14.0209, -17.1541

Tritanomaly

124.5520, 15.9969, -44.3341

Monochromacy



Original Color

124.9650, 16.2863, -43.8193

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0950, 5.8692, -15.8693

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9650, 16.2863, -43.8193 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(75, 144, 158)` looks like.

```
.text, #text, p{  
    color:rgb(75, 144, 158)  
}
```

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(75, 144, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 144, 158) }
```

Border

The CSS property to change the border of an element to YUV 124.9650, 16.2863, -43.8193 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(75, 144, 158) }
```


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

```
.border{ border-color:rgb(75, 144, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 144, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 144, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 144, 158);  
box-shadow:4px 4px 4px 4px rgb(75, 144,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 124.9650, 16.2863, -43.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 144, 158) }
```

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

```
.background{ background-color: rgb(75, 144,  
158) }
```

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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