

Converting Colors

YUV(124.9210, 16.3079,
-50.7967)

Have a look what the booklet for
YUV(124.9210, 16.3079, -50.7967)
contains.

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Color

**YUV(124.9210, 16.3079,
-50.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	43949E
RGB	67, 148, 158
RGB Percent	26%, 58%, 62%
CMY	0.7373, 0.4196, 0.3804
CMYK	0.58, 0.06, 0.00, 0.38
HSL	187°, 40%, 44%
HSV	187°, 58%, 62%
XYZ	19.0762, 24.8417, 36.1373
YIQ	124.9210, -51.4860, -14.0620

Conversions

Conversions Part 2

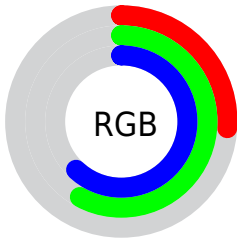
Format	Color
R _Y B	67, 110, 158
Decimal	4428958
CIE Lab	56.92, -21.57, -12.75
CIE LCh	57, 25.055, 210.580
Yxy	24.8417, 0.2383, 0.3103
Android (android.graphics.Color)	4282619038 (0xFF43949E)
YUV	124.9210, 16.3079, -50.7967
Hunter-Lab	49.8415, -18.9039, -8.0988

Details

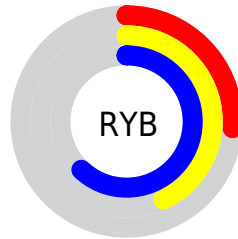
The YUV color **124.9210, 16.3079, -50.7967** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **100.0790, -16.3079, 50.7967**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6330, 16.4499, -49.6671**, and **69.1370, 18.6665, -60.6331** is the 20% darker color. If you saturate the color by 10%, you get **118.9630, 19.2452, -59.6036**, and if you desaturate by 10%, it is **130.8790, 13.3707, -41.9899**.

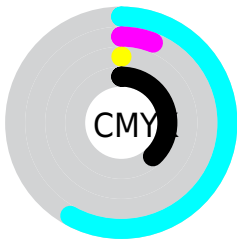
Distribution



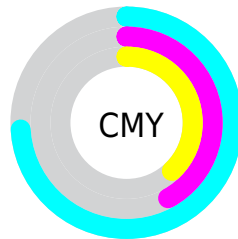
- Red (26%)
- Green (58%)
- Blue (62%)



- Red (26%)
- Yellow (43%)
- Blue (62%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9210, 16.3079, -50.7967 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 124.9210, 16.3079, -50.7967 by changing the saturation by 10% instead.

■ 124.9210, 16.3079,
-50.7967

■ 124.9210, 16.3079,
-50.7967

■ 255.0000, 0.0000,
0.0000

■ 97.1270, 17.1924,
-54.4854

■ 179.6330, 16.4499,
-49.6671

■ 69.1370, 18.6665,
-60.6331

■ 207.9320, 16.3025,
-49.0524

■ 52.1990, 14.6919,
-45.7785

■ 232.5750, 11.0555,
-46.1083

■ 36.0760, 11.3015,
-31.6387

■ 241.2460, 6.7807,
-28.2797

■ 21.9420, 7.9166,
-19.2431

■ 249.9170, 2.5059,
-10.4512

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 124.9210, 16.3079,
-50.7967

■ 124.9210, 16.3079,
-50.7967

■ 118.9630, 19.2452,
-59.6036

■ 130.8790, 13.3707,
-41.9899

■ 113.5920, 21.8931,
-68.9252

■ 136.2500, 10.7227,
-32.6683

■ 107.9330, 24.6830,
-77.1172

■ 141.9090, 7.9329,
-24.4762

■ 101.9750, 27.6203,
-85.9241

■ 147.8670, 4.9956,
-15.6694

■ 100.7790, 28.2100,
-88.3832

■ 153.8250, 2.0583,
-6.8625

■ 159.1960, -0.5896,
2.4591

■ 165.1540, -3.5269,
11.2659

■ 170.8130, -6.3168,
19.4580

■ 176.7710, -9.2541,
28.2648

Harmonies

Analogous

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



126.5880, 4.6401, -41.7347



124.9210, 16.3079, -50.7967



128.5720, 22.3960, -43.4746

Triad

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



124.9210, 16.3079, -50.7967



140.1350, 8.8074, 21.8066



135.2950, -20.8514, 14.6503

Complementary

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



124.9210, 16.3079, -50.7967



100.0790, -16.3079, 50.7967

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.



137.2520, -18.8582, 28.7200



124.9210, 16.3079, -50.7967



139.2800, -1.1240, 33.9574

Square

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



124.9210, 16.3079, -50.7967



138.5930, 17.4557, 1.2339



138.5440, -11.6072, 36.3569



132.9120, -16.7186, -4.3078

Rectangle

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



124.9210, 16.3079, -50.7967



132.4750, 22.9368, -30.2346



138.5440, -11.6072, 36.3569



136.0290, -20.7203, 19.2686

Sweetspot

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



124.9210, 16.3079, -50.7967



193.8880, 6.4642, -20.0728



121.4430, -22.4034, -47.7465



96.9600, 3.9637, -11.3659



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.



124.9210, 16.3079, -50.7967



154.8510, 25.7095, -79.6763



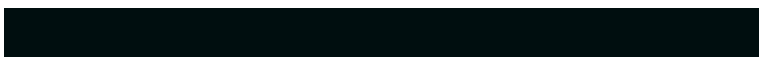
98.5060, 29.3305, -27.6308



76.0210, 1.4686, -4.4034



90.8510, 25.7095, -79.6763



9.9280, 2.5005, -8.7069

Inverse Universe

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



103.4430, 21.9666, 47.8465



121.2350, 34.3941, 75.2159



126.4940, -29.3305, 27.6308



74.1900, 1.8783, 4.2184



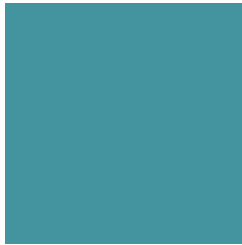
57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 124.9210, 16.3079, -50.7967 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 124.9210, 16.3079, -50.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

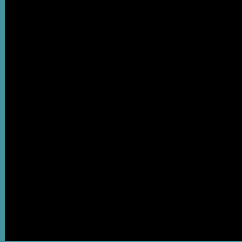
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.9210, 16.3079, -50.7967

Background



This preview shows how black text looks on a background with the YUV color 124.9210, 16.3079, -50.7967.

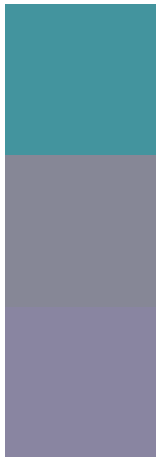


This preview shows how white text looks on a background with the YUV color 124.9210, 16.3079, -50.7967.

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

124.9210, 16.3079, -50.7967

Protanopia

136.4110, 6.6994, -2.1144

Deuteranopia

137.3880, 11.6407, -0.3403



Tritanopia

125.4480, 17.0341, -50.3819

Trichromacy



Original Color

124.9210, 16.3079, -50.7967

Protanomaly

132.5120, 10.1006, -19.7430

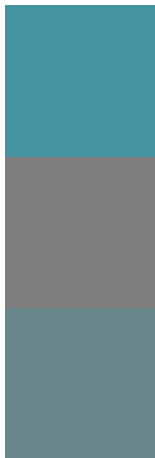
Deuteranomaly

132.7340, 13.4421, -18.1837

Tritanomaly

125.3340, 16.5973, -50.2819

Monochromacy



Original Color

124.9210, 16.3079, -50.7967

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9210, 16.3079, -50.7967 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(67, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(67, 148, 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(67, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 148, 158) }
```

Border

The CSS property to change the border of an element to YUV 124.9210, 16.3079, -50.7967 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(67, 148, 158) }
```


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

```
.border{ border-color:rgb(67, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(67, 148,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 124.9210, 16.3079, -50.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 148, 158) }
```

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

```
.background{ background-color: rgb(67, 148,  
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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