

Converting Colors

YUV(108.9210, 16.3079,
-50.7967)

Have a look what the booklet for
YUV(108.9210, 16.3079, -50.7967)
contains.

YUV(108.9210, 16.3079, -50.7967)	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>	31

Color

**YUV(108.9210, 16.3079,
-50.7967)**

Conversions

Conversions Part 1

Format	Color
Hex	33848E
RGB	51, 132, 142
RGB Percent	20%, 52%, 56%
CMY	0.8000, 0.4824, 0.4431
CMYK	0.64, 0.07, 0.00, 0.44
HSL	187°, 47%, 38%
HSV	187°, 64%, 56%
XYZ	14.4990, 19.1593, 28.5251
YIQ	108.9210, -51.4860, -14.0620

Conversions

Conversions Part 2

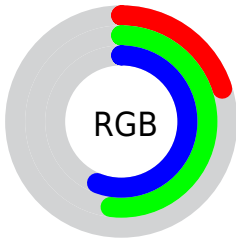
Format	Color
RYB	51, 94, 142
Decimal	3376270
CIELab	50.87, -21.09, -12.67
CIELCh	51, 24.603, 211.009
Yxy	19.1593, 0.2332, 0.3081
Android (android.graphics.Color)	4281566350 (0xFF33848E)
YUV	108.9210, 16.3079, -50.7967
Hunter-Lab	43.7714, -17.4729, -7.9984

Details

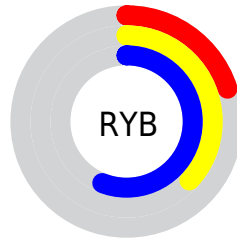
The YUV color **108.9210, 16.3079, -50.7967** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **84.0790, -16.3079, 50.7967**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2310, 16.1551, -48.4376**, and **58.6220, 16.4554, -51.4115** is the 20% darker color. If you saturate the color by 10%, you get **103.5610, 18.9504, -58.3740**, and if you desaturate by 10%, it is **114.2810, 13.6655, -43.2194**.

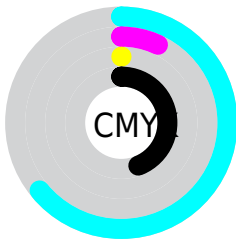
Distribution



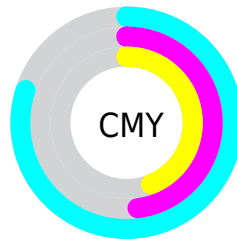
- Red (20%)
- Green (52%)
- Blue (56%)



- Red (20%)
- Yellow (37%)
- Blue (56%)



- Cyan (64%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9210, 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 108.9210, 16.3079, -50.7967 by changing the saturation by 10% instead.

■ 108.9210, 16.3079,
-50.7967

■ 108.9210, 16.3079,
-50.7967

■ 255.0000, 0.0000,
0.0000

■ 79.9200, 17.7874,
-58.6888

■ 163.2310, 16.1551,
-48.4376

■ 58.6220, 16.4554,
-51.4115

■ 191.2310, 16.1551,
-48.4376

■ 42.3850, 12.6282,
-37.1716

■ 219.8180, 15.8657,
-48.9524

■ 26.9630, 9.3852,
-23.6466

■ 236.4620, 9.1392,
-38.1162

■ 7.0730, 9.3310,
-6.2030

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 108.9210, 16.3079,
-50.7967

■ 108.9210, 16.3079,
-50.7967

■ 103.5610, 18.9504,
-58.3740

■ 114.2810, 13.6655,
-43.2194

■ 98.7880, 21.3035,
-66.4661

■ 119.0540, 11.3124,
-35.1274

■ 93.1290, 24.0934,
-74.6581

■ 124.7130, 8.5225,
-26.9353

■ 90.1500, 25.5621,
-79.0615

■ 129.4860, 6.1694,
-18.8432

■ 134.8460, 3.5269,
-11.2659

■ 139.6190, 1.1738,
-3.1739

■ 144.9790, -1.4686,
4.4034

■ 150.0510, -3.9691,
13.1103

■ 155.4110, -6.6116,
20.6876

Harmonies

Analogous

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



111.0010, 4.9295, -41.2199



108.9210, 16.3079, -50.7967



112.7570, 21.8118, -42.7599

Triad

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



108.9210, 16.3079, -50.7967



124.4230, 8.6655, 20.6770



119.8110, -20.1198, 13.3208

Complementary

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



108.9210, 16.3079, -50.7967



84.0790, -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.



121.4690, -17.9792, 26.7757



108.9210, 16.3079, -50.7967



123.5680, -1.2660, 32.8279

Square

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



108.9210, 16.3079, -50.7967



122.7780, 16.8714, 1.9487



122.7610, -10.7282, 34.4126



117.4390, -15.9924, -3.8930

Rectangle

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



108.9210, 16.3079, -50.7967



116.9590, 22.2052, -28.9050



122.7610, -10.7282, 34.4126



120.5450, -19.9887, 17.9390

Sweetspot

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



108.9210, 16.3079, -50.7967



171.1870, 6.3168, -19.4580



105.4430, -22.4034, -47.7465



83.9600, 3.9637, -11.3659



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



108.9210, 16.3079, -50.7967



132.1500, 25.5620, -79.0616



82.5060, 29.3305, -27.6308



68.9070, 1.0318, -4.3034



85.8300, 24.2408, -75.2729



5.0210, 1.4686, -4.4034

Inverse Universe

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



87.4430, 21.9666, 47.8465



98.8220, 34.1048, 74.7011



110.4940, -29.3305, 27.6308



66.8910, 2.0257, 3.6036



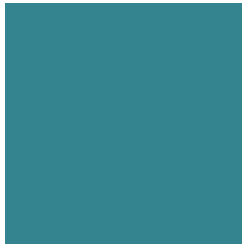
54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 108.9210, 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 108.9210, 16.3079, -50.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

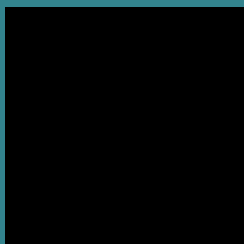
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.9210, 16.3079, -50.7967

Background



This preview shows how black text looks on a background with the YUV color 108.9210, 16.3079, -50.7967.

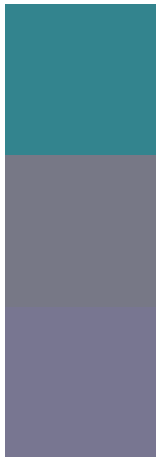


This preview shows how white text looks on a background with the YUV color 108.9210, 16.3079, -50.7967.

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

108.9210, 16.3079, -50.7967

Protanopia

121.2970, 6.2626, -2.0145

Deuteranopia

121.6760, 11.4987, -1.4699



Tritanopia

109.0350, 16.7447, -50.8967

Trichromacy



Original Color

108.9210, 16.3079, -50.7967

Protanomaly

116.5120, 10.1006, -19.7430

Deuteranomaly

117.0220, 13.3002, -19.3133

Tritanomaly

109.0350, 16.7447, -50.8967

Monochromacy



Original Color

108.9210, 16.3079, -50.7967

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9210, 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(51, 132, 142)` looks like.

```
.text, #text, p{  
    color:rgb(51, 132, 142)  
}
```

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(51, 132, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 132, 142) }
```

Border

The CSS property to change the border of an element to YUV 108.9210, 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(51, 132, 142) }
```


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

```
.border{ border-color:rgb(51, 132, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 132, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 132, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 132, 142);  
box-shadow:4px 4px 4px 4px rgb(51, 132,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 108.9210, 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(51, 132, 142) }
```

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

```
.background{ background-color: rgb(51, 132,  
142) }
```

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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