

Converting Colors

YUV(107.8710, 18.7976,
-56.0149)

Have a look what the booklet for
YUV(107.8710, 18.7976, -56.0149)
contains.

YUV(107.8710, 18.7976, -56.0149)	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(107.8710, 18.7976,
-56.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	2C8592
RGB	44, 133, 146
RGB Percent	17%, 52%, 57%
CMY	0.8275, 0.4784, 0.4275
CMYK	0.70, 0.09, 0.00, 0.43
HSL	188°, 54%, 37%
HSV	188°, 70%, 57%
XYZ	14.6145, 19.3859, 30.1657
YIQ	107.8710, -57.2170, -14.8250

Conversions

Conversions Part 2

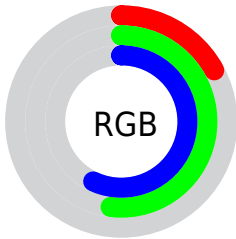
Format	Color
R_{YB}	44, 92, 146
Decimal	2917778
CIE _{Lab}	51.14, -21.51, -14.63
CIE _{LCh}	51, 26.014, 214.221
Yxy	19.3859, 0.2278, 0.3021
Android (android.graphics.Color)	4281107858 (0xFF2C8592)
YUV	107.8710, 18.7976, -56.0149
Hunter-Lab	44.0294, -17.8024, -9.8006




Details

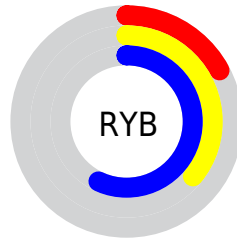
The YUV color **107.8710, 18.7976, -56.0149** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **82.1290, -18.7976, 56.0149**, and the grayscale version is **108.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **163.0780, 18.2025, -51.8114**, and **59.6650, 17.9132, -52.3262** is the 20% darker color. If you saturate the color by 10%, you get **102.2120, 21.5875, -64.2069**, and if you desaturate by 10%, it is **113.5300, 16.0077, -47.8228**.

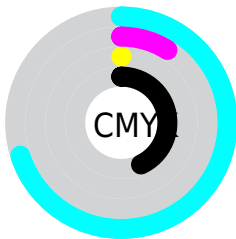
Distribution







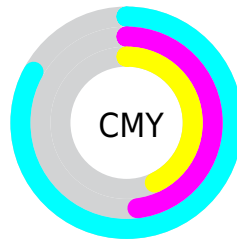
-  Red (17%)
-  Green (52%)
-  Blue (57%)






-  Red (17%)
-  Yellow (36%)
-  Blue (57%)



-  Cyan (70%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (83%)
-  Magenta (48%)
-  Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.8710, 18.7976, -56.0149 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 107.8710, 18.7976, -56.0149 by changing the saturation by 10% instead.

■ 107.8710, 18.7976,
-56.0149

■ 107.8710, 18.7976,
-56.0149

■ 255.0000, 0.0000,
0.0000

■ 77.0760, 21.1615,
-67.5957

■ 163.0780, 18.2025,
-51.8114

■ 59.6650, 17.9132,
-52.3262

■ 191.0780, 18.2025,
-51.8114

■ 43.4280, 14.0860,
-38.0864

■ 219.8500, 17.3290,
-51.6114

■ 27.8920, 10.4062,
-24.4613

■ 235.2660, 9.7289,
-40.5753

■ 8.5890, 10.0626,
-7.5326

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 107.8710, 18.7976,
-56.0149

■ 107.8710, 18.7976,
-56.0149

■ 102.2120, 21.5875,
-64.2069

■ 113.5300, 16.0077,
-47.8228

■ 96.8520, 24.2300,
-71.7842

■ 118.8900, 13.3652,
-40.2455

■ 91.1930, 27.0199,
-79.9763

■ 124.5490, 10.5753,
-32.0535

■ 129.3220, 8.2223,
-23.9614

■ 134.9810, 5.4324,
-15.7693

■ 140.6400, 2.6425,
-7.5773

■ 146.0000, 0.0000,
0.0000

■ 151.6590, -2.7899,
8.1921

■ 157.0190, -5.4324,
15.7693

Harmonies

Analogous

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



110.1360, 6.8350, -45.7233



107.8710, 18.7976, -56.0149



112.6150, 23.8538, -44.3894

Triad

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



107.8710, 18.7976, -56.0149



125.3310, 8.2178, 24.2657



119.8710, -21.1354, 12.3911

Complementary

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



107.8710, 18.7976, -56.0149



82.1290, -18.7976, 56.0149

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.



122.0130, -19.7264, 27.1756



107.8710, 18.7976, -56.0149



124.5360, -2.7292, 35.4869

Square

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



107.8710, 18.7976, -56.0149



124.2020, 17.1554, 4.2078



123.0170, -12.3334, 35.9421



117.6020, -16.5658, -6.6670

Rectangle

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



107.8710, 18.7976, -56.0149



117.7140, 23.8050, -28.6902



123.0170, -12.3334, 35.9421



120.9040, -21.1517, 17.6242

Sweetspot

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



107.8710, 18.7976, -56.0149



174.1050, 7.3432, -22.0171



105.2420, -24.2763, -53.7092



85.3620, 4.2585, -12.5955



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



107.8710, 18.7976, -56.0149



129.1320, 29.5149, -86.9388



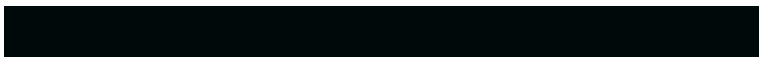
78.5210, 33.2671, -30.2749



71.3200, 1.3212, -3.7886



86.1720, 25.5512, -75.5728



6.4230, 1.7635, -5.6330

Inverse Universe

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



84.6440, 23.8395, 53.8092



93.2730, 36.8404, 83.9526



111.4790, -33.2671, 30.2749



69.7770, 1.5889, 3.7036



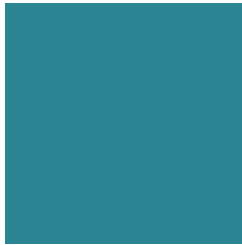
54.9420, 32.0736, 72.8419



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 107.8710, 18.7976, -56.0149 looks on a white background.

Color Contrast Check

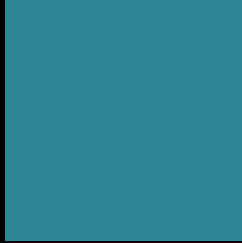
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.8710, 18.7976, -56.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

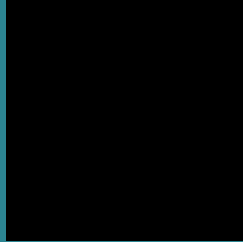
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.8710, 18.7976, -56.0149

Background



This preview shows how black text looks on a background with the YUV color 107.8710, 18.7976, -56.0149.

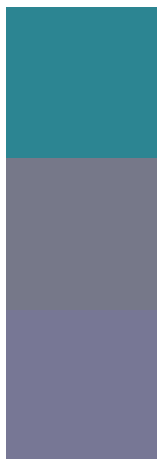


This preview shows how white text looks on a background with the YUV color 107.8710, 18.7976, -56.0149.

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

107.8710, 18.7976, -56.0149

Protanopia

121.3400, 7.7204, -2.9292

Deuteranopia

122.4200, 13.1039, -2.9993



Tritanopia

107.3440, 18.0714, -56.4297

Trichromacy



Original Color

107.8710, 18.7976, -56.0149

Protanomaly

116.5440, 11.5638, -22.4021

Deuteranomaly

117.1680, 15.2002, -22.0723

Tritanomaly

107.4580, 18.5082, -56.5297

Monochromacy



Original Color

107.8710, 18.7976, -56.0149

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0020, 6.9010, -20.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8710, 18.7976, -56.0149 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(44, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(44, 133, 146)  
}
```

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(44, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 133, 146) }
```

Border

The CSS property to change the border of an element to YUV 107.8710, 18.7976, -56.0149 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(44, 133, 146) }
```


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

```
.border{ border-color:rgb(44, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(44, 133,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 107.8710, 18.7976, -56.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 133, 146) }
```

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

```
.background{ background-color: rgb(44, 133,  
146) }
```

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