

Converting Colors

YUV(110.6980, 14.4459,
-60.2481)

Have a look what the booklet for
YUV(110.6980, 14.4459, -60.2481)
contains.

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Color

**YUV(110.6980, 14.4459,
-60.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8C8C
RGB	42, 140, 140
RGB Percent	16%, 55%, 55%
CMY	0.8353, 0.4510, 0.4510
CMYK	0.70, 0.00, 0.00, 0.45
HSL	180°, 54%, 36%
HSV	180°, 70%, 55%
XYZ	15.0666, 21.1419, 28.0976
YIQ	110.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

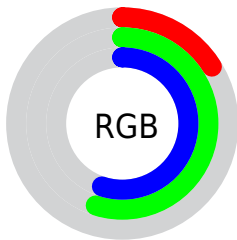
Format	Color
R_{YB}	42, 91, 140
Decimal	2788492
CIE _{Lab}	53.10, -27.26, -8.19
CIE _{LCh}	53, 28.466, 196.711
Yxy	21.1419, 0.2343, 0.3288
Android (android.graphics.Color)	4280978572 (0xFF2A8C8C)
YUV	110.6980, 14.4459, -60.2481
Hunter-Lab	45.9803, -21.9756, -4.0448

Details

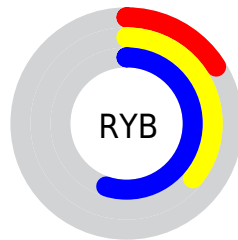
The YUV color **110.6980, 14.4459, -60.2481** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **71.3020, -14.4459, 60.2481**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6770, 12.9772, -55.8447**, and **62.5030, 13.5560, -54.8151** is the 20% darker color. If you saturate the color by 10%, you get **106.5120, 16.5096, -68.8550**, and if you desaturate by 10%, it is **114.8840, 12.3822, -51.6413**.

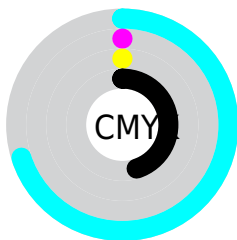
Distribution



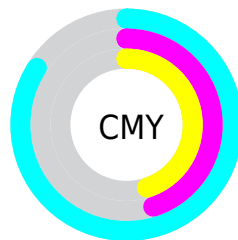
- Red (16%)
- Green (55%)
- Blue (55%)



- Red (16%)
- Yellow (36%)
- Blue (55%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6980, 14.4459, -60.2481 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 110.6980, 14.4459, -60.2481 by changing the saturation by 10% instead.

■ 110.6980, 14.4459,
-60.2481

■ 110.6980, 14.4459,
-60.2481

■ 255.0000, 0.0000,
0.0000

■ 80.0280, 17.2412,
-70.1846

■ 166.6770, 12.9772,
-55.8447

■ 62.5030, 13.5560,
-54.8151

■ 194.6770, 12.9772,
-55.8447

■ 45.7930, 10.4551,
-40.1605

■ 223.6770, 12.9772,
-55.8447

■ 30.3710, 7.2121,
-26.6354

■ 235.2660, 9.7289,
-40.5753

■ 14.4760, 4.6953,
-12.6955

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 110.6980, 14.4459,
-60.2481

■ 110.6980, 14.4459,
-60.2481

■ 106.5120, 16.5096,
-68.8550

■ 114.8840, 12.3822,
-51.6413

■ 102.3260, 18.5733,
-77.4619

■ 119.0700, 10.3185,
-43.0344

■ 98.1400, 20.6370,
-86.0688

■ 123.2560, 8.2548,
-34.4275

■ 127.4420, 6.1911,
-25.8206

■ 131.6280, 4.1274,
-17.2138

■ 135.8140, 2.0637,
-8.6069

■ 140.0000, 0.0000,
0.0000

■ 144.1860, -2.0637,
8.6069

■ 148.3720, -4.1274,
17.2138

Harmonies

Analogous

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



116.2310, -0.6069, -38.7906



110.6980, 14.4459, -60.2481



111.1350, 25.0764, -63.2624

Triad

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



110.6980, 14.4459, -60.2481



130.3990, 15.0863, 14.5591



126.3670, -23.3519, 23.3571

Complementary

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



110.6980, 14.4459, -60.2481



71.3020, -14.4459, 60.2481

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.



127.3500, -17.4275, 36.5271



110.6980, 14.4459, -60.2481



130.0610, 4.4069, 33.2725

Square

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



110.6980, 14.4459, -60.2481



126.5960, 22.8772, -11.0467



128.7170, -7.2555, 40.5902



123.8870, -22.1293, 4.4841

Rectangle

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



110.6980, 14.4459, -60.2481



116.9780, 26.6328, -49.0927



128.7170, -7.2555, 40.5902



126.7420, -22.0578, 28.2903

Sweetspot

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



110.6980, 14.4459, -60.2481



169.6380, 5.6015, -23.3615



99.5260, -28.3603, -50.4503



85.1230, 3.3904, -14.1399



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.



110.6980, 14.4459, -60.2481



135.5520, 22.4059, -93.4461



81.9350, 28.6260, -35.0230



66.9070, 1.0318, -4.3034



93.2330, 19.6051, -81.7653



3.5050, 0.7370, -3.0739

Inverse Universe

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



82.4740, 28.3603, 50.4503



91.7760, 43.9874, 78.2494



100.0650, -28.6260, 35.0230



64.8910, 2.0257, 3.6036



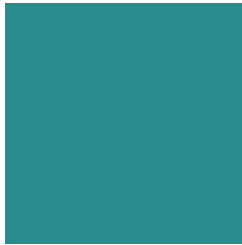
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 110.6980, 14.4459, -60.2481 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 110.6980, 14.4459, -60.2481 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 110.6980, 14.4459, -60.2481 Background



This preview shows how black text looks on a background with the YUV color 110.6980, 14.4459, -60.2481.

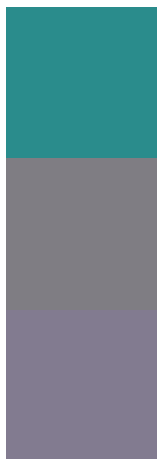


This preview shows how white text looks on a background with the YUV color 110.6980, 14.4459, -60.2481.

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

110.6980, 14.4459, -60.2481

Protanopia

126.2820, 2.3260, 0.6297

Deuteranopia

127.4870, 8.1409, 2.2039



Tritanopia

112.4580, 18.5082, -56.5297

Trichromacy



Original Color

110.6980, 14.4459, -60.2481

Protanomaly

120.2900, 6.7590, -21.3023

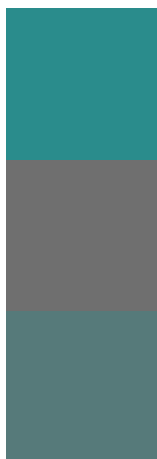
Deuteranomaly

121.3270, 10.6848, -20.4578

Tritanomaly

111.9910, 16.7664, -57.8741

Monochromacy



Original Color

110.6980, 14.4459, -60.2481

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6980, 14.4459, -60.2481 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(42, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(42, 140, 140)  
}
```

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(42, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 140, 140) }
```

Border

The CSS property to change the border of an element to YUV 110.6980, 14.4459, -60.2481 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(42, 140, 140) }
```


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

```
.border{ border-color:rgb(42, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(42, 140,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 110.6980, 14.4459, -60.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 140, 140) }
```

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

```
.background{ background-color: rgb(42, 140,  
140) }
```

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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