

Converting Colors

YUV(117.0980, 21.1507,
-64.1069)

Have a look what the booklet for
YUV(117.0980, 21.1507, -64.1069)
contains.

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Color

**YUV(117.0980, 21.1507,
-64.1069)**

Conversions

Conversions Part 1

Format	Color
Hex	2C92A0
RGB	44, 146, 160
RGB Percent	17%, 57%, 63%
CMY	0.8275, 0.4275, 0.3725
CMYK	0.72, 0.09, 0.00, 0.37
HSL	187°, 57%, 40%
HSV	187°, 72%, 63%
XYZ	17.6628, 23.6313, 36.8881
YIQ	117.0980, -65.2860, -17.2700

Conversions

Conversions Part 2

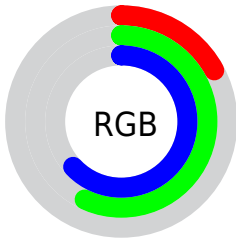
Format	Color
R_{YB}	44, 98, 160
Decimal	2921120
CIE _{Lab}	55.72, -23.80, -15.77
CIE _{LCh}	56, 28.550, 213.540
Yxy	23.6313, 0.2259, 0.3023
Android (android.graphics.Color)	4281111200 (0xFF2C92A0)
YUV	117.0980, 21.1507, -64.1069
Hunter-Lab	48.6120, -20.2147, -10.9624

Details

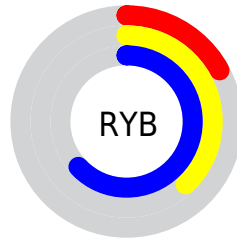
The YUV color **117.0980, 21.1507, -64.1069** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **86.9020, -21.1507, 64.1069**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9030, 20.2608, -58.6739**, and **68.1910, 20.1188, -59.8035** is the 20% darker color. If you saturate the color by 10%, you get **111.1400, 24.0880, -72.9138**, and if you desaturate by 10%, it is **123.0560, 18.2134, -55.3001**.

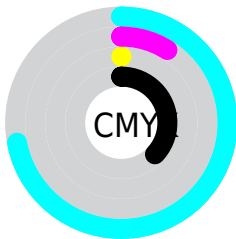
Distribution



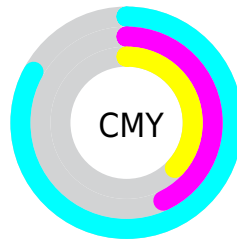
- Red (17%)
- Green (57%)
- Blue (63%)



- Red (17%)
- Yellow (38%)
- Blue (63%)



- Cyan (72%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (83%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0980, 21.1507, -64.1069 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 117.0980, 21.1507, -64.1069 by changing the saturation by 10% instead.

■ 117.0980, 21.1507,
-64.1069

■ 117.0980, 21.1507,
-64.1069

■ 255.0000, 0.0000,
0.0000

■ 85.7160, 23.8040,
-75.1729

■ 173.9030, 20.2608,
-58.6739

■ 68.1910, 20.1188,
-59.8035

■ 202.2020, 20.1134,
-58.0592

■ 51.2530, 16.1443,
-44.9489

■ 228.0900, 13.2666,
-55.3299

■ 35.1300, 12.7539,
-30.8090

■ 236.7610, 8.9918,
-37.5014

■ 21.4690, 8.6428,
-18.8283

■ 245.7310, 4.5696,
-19.0581

■ 2.6390, 7.5730,
-2.3144

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 117.0980, 21.1507,
-64.1069

■ 117.0980, 21.1507,
-64.1069

■ 111.1400, 24.0880,
-72.9138

■ 123.0560, 18.2134,
-55.3001

■ 105.1820, 27.0253,
-81.7206

■ 129.0140, 15.2761,
-46.4933

■ 101.0070, 29.0835,
-88.5831

■ 134.9720, 12.3388,
-37.6864

■ 140.9300, 9.4015,
-28.8796

■ 146.8880, 6.4642,
-20.0728

■ 152.8460, 3.5269,
-11.2659

■ 158.8040, 0.5896,
-2.4591

■ 164.1750, -2.0583,
6.8625

■ 170.1330, -4.9956,
15.6694

Harmonies

Analogous

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



120.3310, 7.7248, -51.1563



117.0980, 21.1507, -64.1069



122.9670, 26.6383, -50.8371

Triad

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



117.0980, 21.1507, -64.1069



136.9830, 9.3754, 26.3249



131.6000, -23.4668, 13.5058

Complementary

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



117.0980, 21.1507, -64.1069



86.9020, -21.1507, 64.1069

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.



133.5790, -21.4844, 31.0642



117.0980, 21.1507, -64.1069



136.5580, -2.7401, 38.9756

Square

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



117.0980, 21.1507, -64.1069



135.7720, 19.3394, 3.7080



134.9960, -13.8020, 40.3455



128.7330, -18.6024, -6.7818

Rectangle

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



117.0980, 21.1507, -64.1069



128.9630, 26.1472, -33.2936



134.9960, -13.8020, 40.3455



132.2310, -23.7779, 19.9684

Sweetspot

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



117.0980, 21.1507, -64.1069



192.3110, 8.2277, -25.7057



113.6880, -27.4542, -61.1164



94.2800, 5.2850, -15.1546



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.



117.0980, 21.1507, -64.1069



141.6680, 33.1947, -100.5638



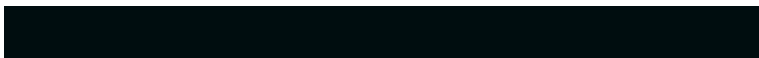
83.0520, 37.9354, -34.2486



76.0210, 1.4686, -4.4034



90.2640, 25.9988, -79.1615



9.3410, 2.7899, -8.1921

Inverse Universe

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



90.3120, 27.4542, 61.1164



99.6580, 43.0596, 95.8929



120.9480, -37.9354, 34.2486



74.1900, 1.8783, 4.2184



57.1210, 33.9573, 75.3159



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 117.0980, 21.1507, -64.1069 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 117.0980, 21.1507, -64.1069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

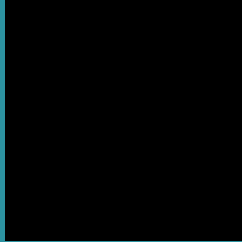
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.0980, 21.1507, -64.1069

Background



This preview shows how black text looks on a background with the YUV color 117.0980, 21.1507, -64.1069.



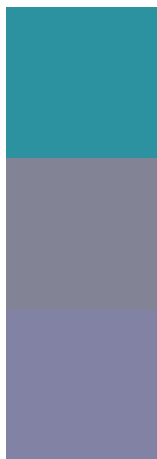
This preview shows how white text looks on a background with the YUV color 117.0980, 21.1507, -64.1069.

-64.1069.

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

117.0980, 21.1507, -64.1069

Protanopia

133.4540, 8.1572, -3.0292

Deuteranopia

133.8760, 14.8511, -3.3993



Tritanopia

116.5710, 20.4245, -64.5218

Trichromacy



Original Color

117.0980, 21.1507, -64.1069

Protanomaly

127.5760, 13.0270, -25.0612

Deuteranomaly

128.0150, 17.2476, -25.4462

Tritanomaly

116.6850, 20.8613, -64.6217

Monochromacy



Original Color

117.0980, 21.1507, -64.1069

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2080, 7.7855, -23.8614

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0980, 21.1507, -64.1069 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, 146, 160)` looks like.

```
.text, #text, p{  
    color:rgb(44, 146, 160)  
}
```

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, 146, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 146, 160) }
```

Border

The CSS property to change the border of an element to YUV 117.0980, 21.1507, -64.1069 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, 146, 160) }
```


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

```
.border{ border-color:rgb(44, 146, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 146, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 146, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 146, 160);  
box-shadow:4px 4px 4px 4px rgb(44, 146,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 117.0980, 21.1507, -64.1069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 146, 160) }
```

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

```
.background{ background-color: rgb(44, 146,  
160) }
```

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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