

Converting Colors

YUV(118.8980, 31.1093,
-84.9795)

Have a look what the booklet for
YUV(118.8980, 31.1093, -84.9795)
contains.

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Color

**YUV(118.8980, 31.1093,
-84.9795)**

Conversions

Conversions Part 1

Format	Color
Hex	169CB6
RGB	22, 156, 182
RGB Percent	9%, 61%, 71%
CMY	0.9137, 0.3882, 0.2863
CMYK	0.88, 0.14, 0.00, 0.29
HSL	190°, 78%, 40%
HSV	190°, 88%, 71%
XYZ	20.6628, 27.3249, 48.4412
YIQ	118.8980, -88.2100, -20.3220

Conversions

Conversions Part 2

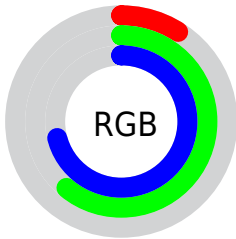
Format	Color
R_{YB}	22, 95, 182
Decimal	1481910
CIE Lab	59.27, -23.81, -22.90
CIE LCh	59, 33.034, 223.879
Yxy	27.3249, 0.2143, 0.2834
Android (android.graphics.Color)	4279671990 (0xFF169CB6)
YUV	118.8980, 31.1093, -84.9795
Hunter-Lab	52.2732, -20.9197, -18.3523

Details

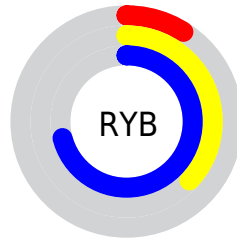
The YUV color **118.8980, 31.1093, -84.9795** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **85.1020, -31.1093, 84.9795**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1880, 28.0083, -70.3249**, and **75.7540, 26.2503, -66.4363** is the 20% darker color. If you saturate the color by 10%, you get **111.7550, 34.6308, -94.5011**, and if you desaturate by 10%, it is **126.0410, 27.5878, -75.4580**.

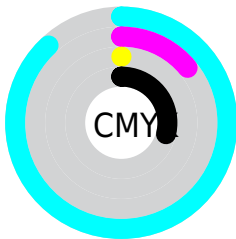
Distribution



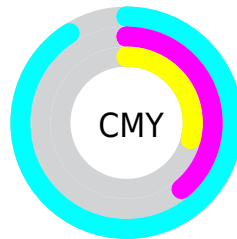
- Red (9%)
- Green (61%)
- Blue (71%)



- Red (9%)
- Yellow (37%)
- Blue (71%)



- Cyan (88%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8980, 31.1093, -84.9795 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 118.8980, 31.1093, -84.9795 by changing the saturation by 10% instead.

■ 118.8980, 31.1093,
-84.9795

■ 118.8980, 31.1093,
-84.9795

255.0000, 0.0000,
0.0000

■ 93.9800, 30.0829,
-82.4205

■ 181.1880, 28.0083,
-70.3249

■ 75.7540, 26.2503,
-66.4363

■ 208.8310, 22.7613,
-67.3808

■ 58.8160, 22.2757,
-51.5816

■ 227.1930, 13.7089,
-57.1743

■ 42.5790, 18.4486,
-37.3418

■ 236.1630, 9.2866,
-38.7310

■ 27.6300, 14.4794,
-24.2315

■ 245.1330, 4.8644,
-20.2876

■ 5.1640, 14.7091,
-4.5288

254.4020, 0.2948,

■ 1.2540, 4.8048,

-1.2296

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 118.8980, 31.1093,
-84.9795

■ 118.8980, 31.1093,
-84.9795

■ 111.7550, 34.6308,
-94.5011

■ 126.0410, 27.5878,
-75.4580

■ 109.9720, 35.5098,
-96.4454

■ 133.1840, 24.0663,
-65.9364

■ 140.6260, 20.3974,
-55.8000

■ 147.7690, 16.8759,
-46.2784

■ 154.9120, 13.3544,
-36.7568

■ 162.0550, 9.8329,
-27.2352

■ 169.1980, 6.3114,
-17.7136

■ 176.6400, 2.6425,
-7.5773

■ 183.7830, -0.8790,
1.9443

Harmonies

Analogous

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



121.5930, 16.9627, -74.1881



118.8980, 31.1093, -84.9795



132.4490, 32.3166, -52.1368

Triad

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



118.8980, 31.1093, -84.9795



146.3650, 6.7221, 37.3909



139.0570, -26.6501, 7.8430

Complementary

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



118.8980, 31.1093, -84.9795



85.1020, -31.1093, 84.9795

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.



142.0750, -27.1520, 28.8752



118.8980, 31.1093, -84.9795



144.7610, -7.2772, 47.5676

Square

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



118.8980, 31.1093, -84.9795



146.1370, 19.1595, 14.7889



143.8240, -19.6332, 44.0044



135.8950, -17.6962, -17.4479

Rectangle

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



118.8980, 31.1093, -84.9795



139.3210, 29.9147, -28.3455



143.8240, -19.6332, 44.0044



140.1720, -27.6928, 15.6352

Sweetspot

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



118.8980, 31.1093, -84.9795



212.5920, 12.0331, -32.9682



118.6560, -35.8194, -84.7673



105.4150, 7.1904, -19.6580



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



118.8980, 31.1093, -84.9795



143.8310, 45.9323, -126.1398



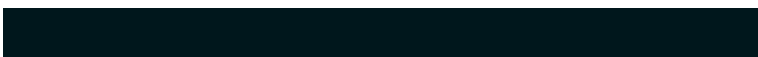
73.1120, 53.6818, -44.8252



88.1350, 1.9054, -4.5034



94.0940, 30.5197, -82.5204



16.6930, 5.5744, -14.6398

Inverse Universe

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



85.1160, 34.9458, 84.9673



93.5490, 51.9873, 125.8065



130.8880, -53.6818, 44.8252



86.4890, 1.7309, 4.8331



61.4640, 33.7882, 82.9081



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 118.8980, 31.1093, -84.9795 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 118.8980, 31.1093, -84.9795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

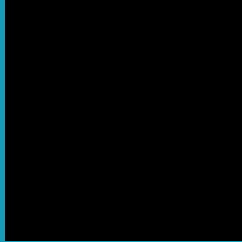
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.8980, 31.1093, -84.9795

Background



This preview shows how black text looks on a background with the YUV color 118.8980, 31.1093, -84.9795.

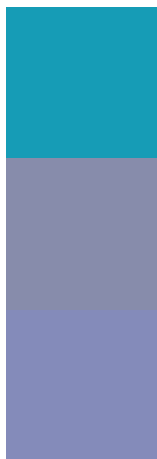


This preview shows how white text looks on a background with the YUV color 118.8980, 31.1093, -84.9795.

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

118.8980, 31.1093, -84.9795

Protanopia

142.0390, 14.2778, -6.1732

Deuteranopia

142.2650, 21.5614, -9.0024



Tritanopia

112.1260, 28.5319, -98.3345

Trichromacy



Original Color

118.8980, 31.1093, -84.9795

Protanomaly

133.7580, 20.3323, -34.8678

Deuteranomaly

133.7130, 25.2845, -36.5823

Tritanomaly

114.3870, 29.3892, -93.3014

Monochromacy



Original Color

118.8980, 31.1093, -84.9795

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7880, 11.4435, -30.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8980, 31.1093, -84.9795 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(22, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(22, 156, 182)  
}
```

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(22, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 156, 182) }
```

Border

The CSS property to change the border of an element to YUV 118.8980, 31.1093, -84.9795 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(22, 156, 182) }
```


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

```
.border{ border-color:rgb(22, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 156, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 156, 182);  
box-shadow:4px 4px 4px 4px rgb(22, 156,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 118.8980, 31.1093, -84.9795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 156, 182) }
```

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

```
.background{ background-color: rgb(22, 156,  
182) }
```

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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