

Converting Colors

YUV(112.2880, 23.0290,
-59.8886)

Have a look what the booklet for
YUV(112.2880, 23.0290, -59.8886)
contains.

YUV(112.2880, 23.0290, -59.8886)	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(112.2880, 23.0290,
-59.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	2C8A9F
RGB	44, 138, 159
RGB Percent	17%, 54%, 62%
CMY	0.8275, 0.4588, 0.3765
CMYK	0.72, 0.13, 0.00, 0.38
HSL	191°, 57%, 40%
HSV	191°, 72%, 62%
XYZ	16.3852, 21.2156, 36.0323
YIQ	112.2880, -62.7650, -13.3970

Conversions

Conversions Part 2

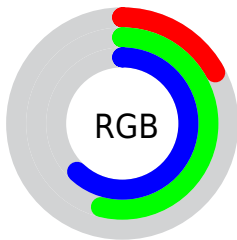
Format	Color
R_{YB}	44, 96, 159
Decimal	2919071
CIE _{Lab}	53.18, -19.93, -19.05
CIE _{LCh}	53, 27.576, 223.706
Yxy	21.2156, 0.2225, 0.2881
Android (android.graphics.Color)	4281109151 (0xFF2C8A9F)
YUV	112.2880, 23.0290, -59.8886
Hunter-Lab	46.0604, -17.1075, -14.1393

Details

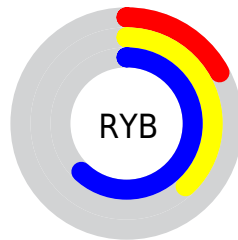
The YUV color **112.2880, 23.0290, -59.8886** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.7120, -23.0290, 59.8886**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7940, 22.2866, -55.0703**, and **63.9680, 21.7078, -56.0999** is the 20% darker color. If you saturate the color by 10%, you get **105.7430, 26.2557, -68.1806**, and if you desaturate by 10%, it is **118.8330, 19.8023, -51.5965**.

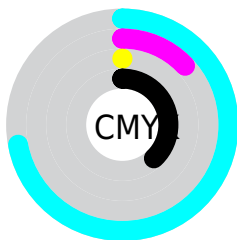
Distribution



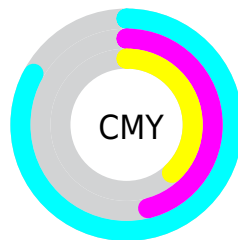
- Red (17%)
- Green (54%)
- Blue (62%)



- Red (17%)
- Yellow (38%)
- Blue (62%)



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (83%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2880, 23.0290, -59.8886 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 112.2880, 23.0290, -59.8886 by changing the saturation by 10% instead.

■ 112.2880, 23.0290,
-59.8886

■ 112.2880, 23.0290,
-59.8886

■ 255.0000, 0.0000,
0.0000

■ 80.9060, 25.6823,
-70.9546

■ 168.7940, 22.2866,
-55.0703

■ 63.9680, 21.7078,
-56.0999

■ 197.0930, 22.1392,
-54.4556

■ 47.0300, 17.7332,
-41.2453

■ 223.6820, 15.4398,
-52.3411

■ 31.4940, 14.0535,
-27.6202

■ 236.4620, 9.1392,
-38.1162

■ 16.6590, 10.5211,
-14.6099

■ 245.1330, 4.8644,
-20.2876

■ 2.5250, 7.1362,
-2.2144

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 112.2880, 23.0290,
-59.8886

■ 112.2880, 23.0290,
-59.8886

■ 105.7430, 26.2557,
-68.1806

■ 118.8330, 19.8023,
-51.5965

■ 99.1980, 29.4824,
-76.4726

■ 125.3780, 16.5756,
-43.3045

■ 94.4360, 31.8301,
-82.8204

■ 131.9230, 13.3490,
-35.0125

■ 138.4680, 10.1223,
-26.7204

■ 144.7140, 7.0430,
-19.0432

■ 150.6720, 4.1057,
-10.2363

■ 157.2170, 0.8790,
-1.9443

■ 163.7620, -2.3477,
6.3477

■ 170.3070, -5.5744,
14.6398

Harmonies

Analogous

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



112.7480, 11.9562, -55.0300



112.2880, 23.0290, -59.8886



119.8050, 25.7321, -40.1710

Triad

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



112.2880, 23.0290, -59.8886



129.9790, 5.4334, 30.7134



124.3110, -21.8453, 6.7433

Complementary

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



112.2880, 23.0290, -59.8886



90.7120, -23.0290, 59.8886

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.



126.4210, -21.8996, 24.1868



112.2880, 23.0290, -59.8886



129.3470, -6.0871, 39.1607

Square

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



112.2880, 23.0290, -59.8886



130.0890, 15.2391, 12.1999



127.6920, -16.1172, 36.2271



121.4270, -14.5075, -13.5295

Rectangle

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



112.2880, 23.0290, -59.8886



124.5730, 24.3675, -22.4275



127.6920, -16.1172, 36.2271



125.4150, -22.8826, 12.7910

Sweetspot

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



112.2880, 23.0290, -59.8886



187.9630, 9.3852, -23.6466



113.6710, -24.9808, -61.1015



93.6930, 5.5744, -14.6398



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.



112.2880, 23.0290, -59.8886



133.8090, 36.0832, -93.6715



79.4160, 39.2349, -31.0598



76.0210, 1.4686, -4.4034



84.9810, 28.6034, -74.5283



9.3410, 2.7899, -8.1921

Inverse Universe

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



89.1010, 24.1072, 61.3014



97.5780, 37.6760, 95.9631



123.5840, -39.2349, 31.0598



74.1900, 1.8783, 4.2184



56.0950, 30.0262, 76.2157



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 112.2880, 23.0290, -59.8886 looks on a white background.

Color Contrast Check

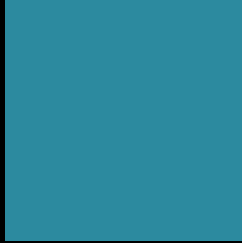
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2880, 23.0290, -59.8886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

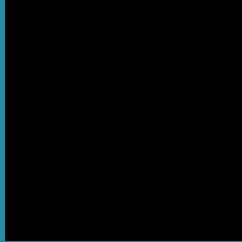
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.2880, 23.0290, -59.8886

Background



This preview shows how black text looks on a background with the YUV color 112.2880, 23.0290, -59.8886.



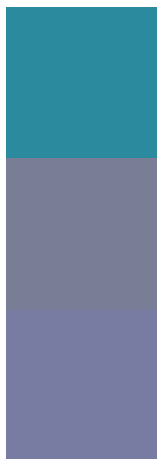
This preview shows how white text looks on a background with the YUV color 112.2880, 23.0290,

-59.8886.

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

112.2880, 23.0290, -59.8886

Protanopia

126.6540, 11.5096, -4.9586

Deuteranopia

127.1360, 17.1880, -6.2583



Tritanopia

110.1690, 20.1297, -63.2922

Trichromacy



Original Color

112.2880, 23.0290, -59.8886

Protanomaly

121.5590, 15.5004, -25.0462

Deuteranomaly

121.5850, 19.4316, -25.9460

Tritanomaly

111.1090, 21.1453, -62.3626

Monochromacy



Original Color

112.2880, 23.0290, -59.8886

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7460, 8.5062, -21.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2880, 23.0290, -59.8886 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, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(44, 138, 159)  
}
```

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, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 138, 159) }
```

Border

The CSS property to change the border of an element to YUV 112.2880, 23.0290, -59.8886 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, 138, 159) }
```


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

```
.border{ border-color:rgb(44, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 138, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 138, 159);  
box-shadow:4px 4px 4px 4px rgb(44, 138,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 112.2880, 23.0290, -59.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 138, 159) }
```

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

```
.background{ background-color: rgb(44, 138,  
159) }
```

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