

Converting Colors

YUV(112.0880, 23.1276,
-44.8042)

Have a look what the booklet for
YUV(112.0880, 23.1276, -44.8042)
contains.

YUV(112.0880, 23.1276, -44.8042)	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(112.0880, 23.1276,
-44.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	3D819F
RGB	61, 129, 159
RGB Percent	24%, 51%, 62%
CMY	0.7608, 0.4941, 0.3765
CMYK	0.62, 0.19, 0.00, 0.38
HSL	198°, 45%, 43%
HSV	198°, 62%, 62%
XYZ	16.0327, 19.1958, 35.6610
YIQ	112.0880, -50.1580, -5.0860

Conversions

Conversions Part 2

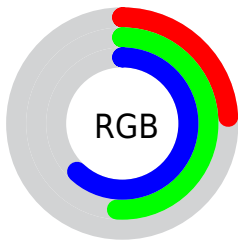
Format	Color
R_{YB}	61, 101, 159
Decimal	4030879
CIE _{Lab}	50.92, -12.16, -22.49
CIE _{LCh}	51, 25.568, 241.593
Yxy	19.1958, 0.2262, 0.2708
Android (android.graphics.Color)	4282220959 (0xFF3D819F)
YUV	112.0880, 23.1276, -44.8042
Hunter-Lab	43.8130, -11.3534, -17.5892

Details

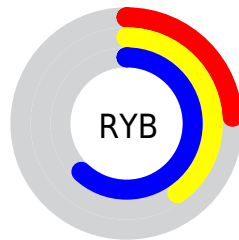
The YUV color **112.0880, 23.1276, -44.8042** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **107.9120, -23.1276, 44.8042**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2130, 23.5590, -43.1598**, and **59.1580, 23.5861, -51.8816** is the 20% darker color. If you saturate the color by 10%, you get **104.3690, 26.9331, -52.0666**, and if you desaturate by 10%, it is **119.8070, 19.3221, -37.5417**.

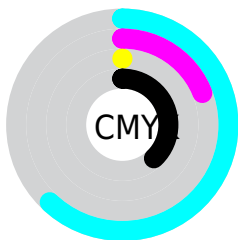
Distribution



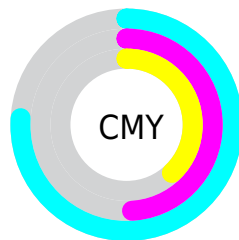
- Red (24%)
- Green (51%)
- Blue (62%)



- Red (24%)
- Yellow (40%)
- Blue (62%)



- Cyan (62%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (76%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0880, 23.1276, -44.8042 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 112.0880, 23.1276, -44.8042 by changing the saturation by 10% instead.

■ 112.0880, 23.1276,
-44.8042

■ 112.0880, 23.1276,
-44.8042

■ 255.0000, 0.0000,
0.0000

■ 84.5820, 23.8701,
-49.6224

■ 166.2130, 23.5590,
-43.1598

■ 59.1580, 23.5861,
-51.8816

■ 193.6260, 23.8484,
-42.6450

■ 42.9210, 19.7589,
-37.6417

■ 220.8020, 16.8596,
-41.0454

■ 27.3850, 16.0792,
-24.0166

■ 239.1530, 7.8126,
-32.5832

■ 9.6150, 13.9938,
-8.4324

■ 248.1230, 3.3904,
-14.1399

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 112.0880, 23.1276,
-44.8042

■ 112.0880, 23.1276,
-44.8042

■ 104.3690, 26.9331,
-52.0666

■ 119.8070, 19.3221,
-37.5417

■ 96.6500, 30.7385,
-59.3291

■ 127.5260, 15.5167,
-30.2793

■ 88.9310, 34.5440,
-66.5915

■ 135.2450, 11.7112,
-23.0169

■ 82.6960, 37.6179,
-72.5244

■ 142.3770, 8.1951,
-15.2396

■ 150.0960, 4.3897,
-7.9772

■ 157.5160, 0.7316,
-1.3295

■ 165.2350, -3.0739,
5.9329

■ 172.9540, -6.8793,
13.1953

■ 180.6730,
-10.6848, 20.4578

Harmonies

Analogous

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



107.5400, 17.4818, -53.9706



112.0880, 23.1276, -44.8042



118.8180, 22.7677, -22.6424

Triad

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



112.0880, 23.1276, -44.8042



124.1660, -1.5608, 34.0574



117.6130, -16.5712, -4.9226

Complementary

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



112.0880, 23.1276, -44.8042



107.9120, -23.1276, 44.8042

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.



119.5830, -20.9934, 13.5207



112.0880, 23.1276, -44.8042



122.8320, -11.7492, 35.2273

Square

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



112.0880, 23.1276, -44.8042



124.4340, 8.6600, 22.4214



121.6540, -18.5634, 27.4904



114.0110, -6.9074, -24.5656

Rectangle

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



112.0880, 23.1276, -44.8042



122.4180, 19.5139, -5.6286



121.6540, -18.5634, 27.4904



118.3750, -18.9189, 1.4251

Sweetspot

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



112.0880, 23.1276, -44.8042



188.5940, 9.0742, -17.1839



121.8320, -15.6932, -53.3497



94.0140, 5.4161, -10.5363



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.



112.0880, 23.1276, -44.8042



133.6640, 36.1546, -69.8653



83.9120, 37.0184, -20.0938



75.4340, 1.7580, -3.8886



74.4150, 33.8124, -65.2620



8.1670, 3.3687, -7.1625

Inverse Universe

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



98.0540, 15.2564, 53.4496



111.8310, 23.7473, 83.4632



136.0880, -37.0184, 20.0938



74.0760, 1.4415, 4.3183



54.0430, 22.1638, 78.0153



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 112.0880, 23.1276, -44.8042 looks on a white background.

Color Contrast Check

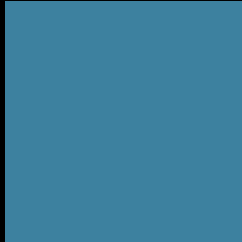
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.0880, 23.1276, -44.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

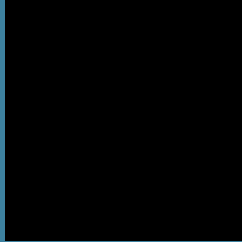
Any Text WCAG AA ✓ Pass

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 112.0880, 23.1276, -44.8042 Background



This preview shows how black text looks on a background with the YUV color 112.0880, 23.1276, -44.8042.

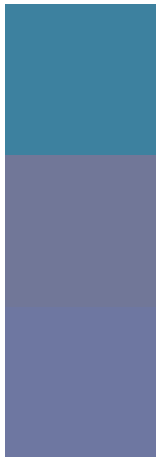


This preview shows how white text looks on a background with the YUV color 112.0880, 23.1276, -44.8042.

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

112.0880, 23.1276, -44.8042

Protanopia

120.9680, 15.2988, -6.9879

Deuteranopia

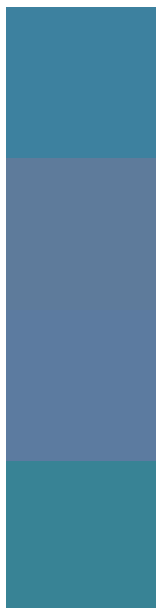
121.0970, 19.6722, -9.7321



Tritanopia

109.6330, 16.4499, -49.6671

Trichromacy



Original Color

112.0880, 23.1276, -44.8042

Protanomaly

117.9770, 18.2523, -21.0278

Deuteranomaly

117.9490, 20.7311, -22.7573

Tritanomaly

110.6270, 18.9179, -47.9079

Monochromacy



Original Color

112.0880, 23.1276, -44.8042

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7790, 8.4900, -16.4692

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0880, 23.1276, -44.8042 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(61, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(61, 129, 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(61, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 129, 159) }
```

Border

The CSS property to change the border of an element to YUV 112.0880, 23.1276, -44.8042 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(61, 129, 159) }
```


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

```
.border{ border-color:rgb(61, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(61, 129,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 112.0880, 23.1276, -44.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 129, 159) }
```

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

```
.background{ background-color: rgb(61, 129,  
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