

Converting Colors

YUV(111.8810, 23.7227,
-49.0076)

Have a look what the booklet for
YUV(111.8810, 23.7227, -49.0076)
contains.

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Color

**YUV(111.8810, 23.7227,
-49.0076)**

Conversions

Conversions Part 1

Format	Color
Hex	3883A0
RGB	56, 131, 160
RGB Percent	22%, 51%, 63%
CMY	0.7804, 0.4863, 0.3725
CMYK	0.65, 0.18, 0.00, 0.37
HSL	197°, 48%, 42%
HSV	197°, 65%, 63%
XYZ	16.0923, 19.6114, 36.1949
YIQ	111.8810, -54.0090, -6.8810

Conversions

Conversions Part 2

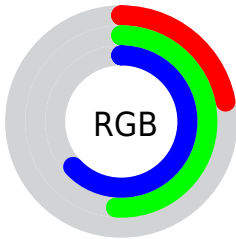
Format	Color
RYB	56, 100, 160
Decimal	3703712
CIELab	51.39, -13.89, -22.35
CIELCh	51, 26.311, 238.140
Yxy	19.6114, 0.2238, 0.2728
Android (android.graphics.Color)	4281893792 (0xFF3883A0)
YUV	111.8810, 23.7227, -49.0076
Hunter-Lab	44.2848, -12.6344, -17.4597

Details

The YUV color **111.8810, 23.7227, -49.0076** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **104.1190, -23.7227, 49.0076**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6040, 23.8592, -46.1337**, and **60.4460, 23.4441, -53.0111** is the 20% darker color. If you saturate the color by 10%, you get **104.7490, 27.2387, -56.7849**, and if you desaturate by 10%, it is **119.0130, 20.2066, -41.2304**.

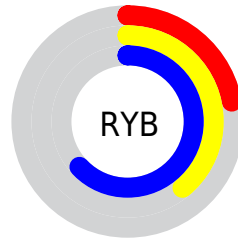
Distribution



 Red (22%)

 Green (51%)

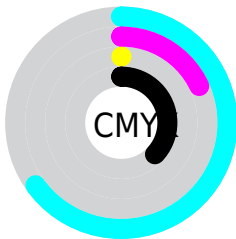
 Blue (63%)



 Red (22%)

 Yellow (39%)

 Blue (63%)

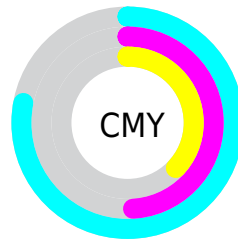


 Cyan (65%)


 Magenta (18%)

 Yellow (0%)

 Black (37%)



 Cyan (78%)

 Magenta (49%)

 Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8810, 23.7227, -49.0076 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 111.8810, 23.7227, -49.0076 by changing the saturation by 10% instead.

■ 111.8810, 23.7227,
-49.0076

■ 111.8810, 23.7227,
-49.0076

■ 255.0000, 0.0000,
0.0000

■ 83.1790, 25.0548,
-56.2850

■ 166.6040, 23.8592,
-46.1337

■ 60.4460, 23.4441,
-53.0111

■ 194.6040, 23.8592,
-46.1337

■ 43.6220, 19.9064,
-38.2565

■ 220.7800, 16.8705,
-44.5341

■ 28.6730, 15.9372,
-25.1462

■ 238.2560, 8.2548,
-34.4275

■ 11.4900, 13.5624,
-10.0767

■ 247.2260, 3.8326,
-15.9842

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 111.8810, 23.7227,
-49.0076

■ 111.8810, 23.7227,
-49.0076

■ 104.7490, 27.2387,
-56.7849

■ 119.0130, 20.2066,
-41.2304

■ 97.0300, 31.0442,
-64.0473

■ 126.7320, 16.4011,
-33.9680

■ 89.8980, 34.5603,
-71.8245

■ 133.8640, 12.8850,
-26.1907

■ 85.7450, 36.6077,
-75.1984

■ 141.5830, 9.0796,
-18.9283

■ 148.7150, 5.5635,
-11.1511

■ 156.4340, 1.7580,
-3.8886

■ 163.5660, -1.7580,
3.8886

■ 171.2850, -5.5635,
11.1511

■ 178.4170, -9.0796,
18.9283

Harmonies

Analogous

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



108.1160, 17.1978, -56.2297



111.8810, 23.7227, -49.0076



119.0240, 23.6522, -26.3310

Triad

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



111.8810, 23.7227, -49.0076



125.5080, -0.2504, 33.7575



118.5810, -18.0344, -2.2635

Complementary

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



111.8810, 23.7227, -49.0076



104.1190, -23.7227, 49.0076

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.



121.3660, -21.8724, 15.4650



111.8810, 23.7227, -49.0076



124.0710, -10.8810, 36.7717

Square

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



111.8810, 23.7227, -49.0076



126.1780, 10.2652, 20.8919



122.9640, -18.7163, 29.8496



115.2670, -8.5126, -23.0362

Rectangle

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



111.8810, 23.7227, -49.0076



123.0370, 20.6878, -8.8024



122.9640, -18.7163, 29.8496



119.4570, -19.9453, 3.9842

Sweetspot

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



111.8810, 23.7227, -49.0076



189.3980, 9.6638, -19.6430



120.2400, -17.8663, -56.3385



93.1170, 5.8583, -12.3806



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.



111.8810, 23.7227, -49.0076



133.8480, 37.0499, -77.0427



81.9440, 38.4816, -22.7529



75.4340, 1.7580, -3.8886



76.7630, 32.6548, -67.3212



8.1670, 3.3687, -7.1625

Inverse Universe

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



95.6460, 17.4295, 56.4385



108.1890, 27.5148, 88.4112



134.0560, -38.4816, 22.7529



74.0760, 1.4415, 4.3183



54.4990, 23.9110, 77.6154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 111.8810, 23.7227, -49.0076 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 111.8810, 23.7227, -49.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

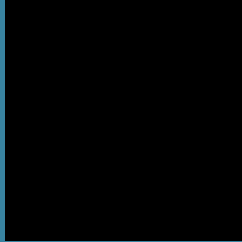
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.8810, 23.7227, -49.0076

Background



This preview shows how black text looks on a background with the YUV color 111.8810, 23.7227, -49.0076.

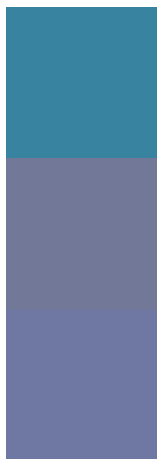


This preview shows how white text looks on a background with the YUV color 111.8810, 23.7227, -49.0076.

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

111.8810, 23.7227, -49.0076

Protanopia

122.4410, 14.5726, -7.4028

Deuteranopia

122.0970, 19.6722, -9.7321



Tritanopia

109.5400, 17.4818, -53.9706

Trichromacy



Original Color

111.8810, 23.7227, -49.0076

Protanomaly

118.8520, 17.8210, -22.6722

Deuteranomaly

118.3510, 21.0260, -23.9868

Tritanomaly

110.4200, 19.5129, -52.1113

Monochromacy



Original Color

111.8810, 23.7227, -49.0076

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0670, 8.3480, -17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8810, 23.7227, -49.0076 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(56, 131, 160)` looks like.

```
.text, #text, p{  
    color:rgb(56, 131, 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(56, 131, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 131, 160) }
```

Border

The CSS property to change the border of an element to YUV 111.8810, 23.7227, -49.0076 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(56, 131, 160) }
```


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

```
.border{ border-color:rgb(56, 131, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 131, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 131, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 131, 160);  
box-shadow:4px 4px 4px 4px rgb(56, 131,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 111.8810, 23.7227, -49.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 131, 160) }
```

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

```
.background{ background-color: rgb(56, 131,  
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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