

Converting Colors

YUV(122.2840, 22.5380,
-42.3451)

Have a look what the booklet for
YUV(122.2840, 22.5380, -42.3451)
contains.

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Color

**YUV(122.2840, 22.5380,
-42.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8AA8
RGB	74, 138, 168
RGB Percent	29%, 54%, 66%
CMY	0.7098, 0.4588, 0.3412
CMYK	0.56, 0.18, 0.00, 0.34
HSL	199°, 39%, 47%
HSV	199°, 56%, 66%
XYZ	18.9804, 22.4600, 40.3806
YIQ	122.2840, -47.7740, -4.2380

Conversions

Conversions Part 2

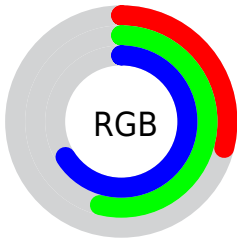
Format	Color
R_{YB}	74, 112, 168
Decimal	4885160
CIE _{Lab}	54.51, -11.68, -22.12
CIE _{LCh}	55, 25.013, 242.172
Yxy	22.4600, 0.2320, 0.2745
Android (android.graphics.Color)	4283075240 (0xFF4A8AA8)
YUV	122.2840, 22.5380, -42.3451
Hunter-Lab	47.3919, -11.4469, -17.3441

Details

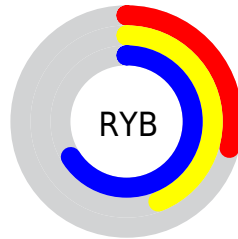
The YUV color **122.2840, 22.5380, -42.3451** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **119.7160, -22.5380, 42.3451**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4090, 22.9694, -40.7007**, and **65.1790, 25.0548, -56.2850** is the 20% darker color. If you saturate the color by 10%, you get **114.2660, 26.4909, -50.2223**, and if you desaturate by 10%, it is **130.3020, 18.5851, -34.4679**.

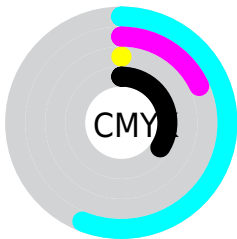
Distribution



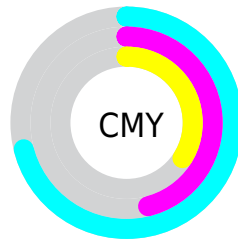
- Red (29%)
- Green (54%)
- Blue (66%)



- Red (29%)
- Yellow (44%)
- Blue (66%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2840, 22.5380, -42.3451 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 122.2840, 22.5380, -42.3451 by changing the saturation by 10% instead.

■ 122.2840, 22.5380,
-42.3451

■ 122.2840, 22.5380,
-42.3451

■ 255.0000, 0.0000,
0.0000

■ 95.6750, 22.8382,
-45.3190

■ 176.4090, 22.9694,
-40.7007

■ 65.1790, 25.0548,
-56.2850

■ 204.5230, 23.4062,
-40.8007

■ 48.5290, 20.9382,
-42.5599

■ 230.2600, 12.1968,
-38.8160

■ 32.9930, 17.2585,
-28.9349

■ 243.0400, 5.8963,
-24.5911

■ 18.6310, 12.9999,
-16.3394

■ 251.7110, 1.6215,
-6.7625

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 122.2840, 22.5380,
-42.3451

■ 122.2840, 22.5380,
-42.3451

■ 114.2660, 26.4909,
-50.2223

■ 130.3020, 18.5851,
-34.4679

■ 105.6610, 30.7331,
-57.5847

■ 138.9070, 14.3428,
-27.1054

■ 97.9420, 34.5386,
-64.8471

■ 146.6260, 10.5374,
-19.8430

■ 89.9240, 38.4915,
-72.7243

■ 154.6440, 6.5845,
-11.9658

■ 86.0700, 40.3915,
-75.4834

■ 163.2490, 2.3422,
-4.6034

■ 171.2670, -1.6106,
3.2738

■ 179.8720, -5.8529,
10.6363

■ 187.5910, -9.6584,
17.8987

■ 195.6090,
-13.6112, 25.7759

Harmonies

Analogous

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



118.7360, 16.8922, -51.5115



122.2840, 22.5380, -42.3451



128.3020, 22.0361, -21.3129

Triad

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



122.2840, 22.5380, -42.3451



133.1660, -1.5608, 34.0574



126.6130, -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.



122.2840, 22.5380, -42.3451



119.7160, -22.5380, 42.3451

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.



129.2840, -20.8460, 12.9059



122.2840, 22.5380, -42.3451



132.1310, -11.8966, 35.8421

Square

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



122.2840, 22.5380, -42.3451



133.4340, 8.6600, 22.4214



130.6540, -18.5634, 27.4904



123.4240, -6.6180, -24.0508

Rectangle

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



122.2840, 22.5380, -42.3451



131.6030, 18.9297, -4.9138



130.6540, -18.5634, 27.4904



127.4890, -18.4821, 1.3251

Sweetspot

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



122.2840, 22.5380, -42.3451



200.8930, 8.9268, -16.5692



132.5980, -14.0988, -51.3904



99.3130, 5.2687, -9.9215



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



122.2840, 22.5380, -42.3451



147.4580, 35.2702, -66.1767



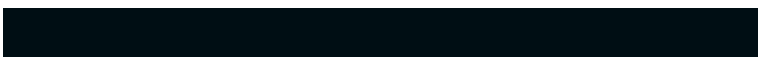
94.6950, 36.1394, -18.1495



79.8470, 2.0474, -3.3738



76.1590, 35.4176, -66.7914



10.4980, 4.6845, -9.2067

Inverse Universe

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



109.4020, 14.0988, 51.3904



127.3530, 22.0110, 80.3744



147.3050, -36.1394, 18.1495



78.9620, 1.0047, 4.4183



55.7660, 22.3004, 80.8892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 122.2840, 22.5380, -42.3451 looks on a white background.

Color Contrast Check

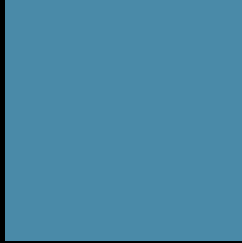
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2840, 22.5380, -42.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

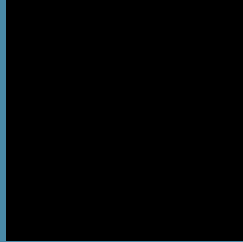
Any Text WCAG AA ✓ Pass

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 122.2840, 22.5380, -42.3451 Background



This preview shows how black text looks on a background with the YUV color 122.2840, 22.5380, -42.3451.

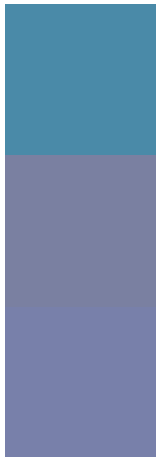


This preview shows how white text looks on a background with the YUV color 122.2840, 22.5380,

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

122.2840, 22.5380, -42.3451

Protanopia

129.9680, 15.2988, -6.9879

Deuteranopia

130.3960, 19.5248, -9.1173



Tritanopia

120.4270, 15.5655, -45.9785

Trichromacy



Original Color

122.2840, 22.5380, -42.3451

Protanomaly

127.5750, 17.9575, -19.7983

Deuteranomaly

127.5470, 20.4363, -21.5277

Tritanomaly

121.1220, 18.1809, -44.8340

Monochromacy



Original Color

122.2840, 22.5380, -42.3451

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.3770, 8.1951, -15.2396

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2840, 22.5380, -42.3451 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(74, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(74, 138, 168)  
}
```

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(74, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 138, 168) }
```

Border

The CSS property to change the border of an element to YUV 122.2840, 22.5380, -42.3451 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(74, 138, 168) }
```


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

```
.border{ border-color:rgb(74, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(74, 138,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 122.2840, 22.5380, -42.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 138, 168) }
```

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

```
.background{ background-color: rgb(74, 138,  
168) }
```

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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