

Converting Colors

YUV(142.2810, 30.4275,
-52.8664)

Have a look what the booklet for
YUV(142.2810, 30.4275, -52.8664)
contains.

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Color

**YUV(142.2810, 30.4275,
-52.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	52A1CC
RGB	82, 161, 204
RGB Percent	32%, 63%, 80%
CMY	0.6784, 0.3686, 0.2000
CMYK	0.60, 0.21, 0.00, 0.20
HSL	201°, 54%, 56%
HSV	201°, 60%, 80%
XYZ	27.1236, 31.6432, 61.8049
YIQ	142.2810, -60.8870, -3.3750

Conversions

Conversions Part 2

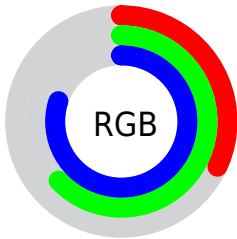
Format	Color
R _Y B	82, 130, 204
Decimal	5415372
CIE Lab	63.05, -11.53, -29.31
CIE LCh	63, 31.497, 248.518
Yxy	31.6432, 0.2250, 0.2624
Android (android.graphics.Color)	4283605452 (0xFF52A1CC)
YUV	142.2810, 30.4275, -52.8664
Hunter-Lab	56.2523, -12.3727, -25.7659

Details

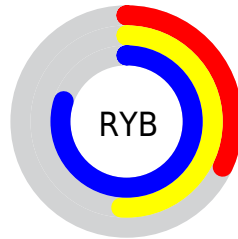
The YUV color **142.2810, 30.4275, -52.8664** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **143.7190, -30.4275, 52.8664**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0210, 28.0906, -50.0074**, and **81.6700, 33.6867, -71.6246** is the 20% darker color. If you saturate the color by 10%, you get **132.1920, 35.4013, -61.5584**, and if you desaturate by 10%, it is **152.3700, 25.4536, -44.1745**.

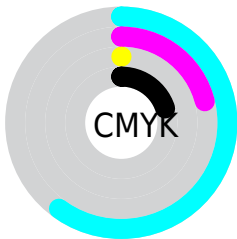
Distribution



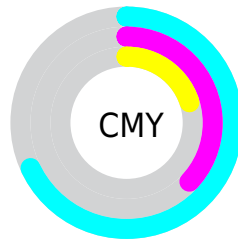
- Red (32%)
- Green (63%)
- Blue (80%)



- Red (32%)
- Yellow (51%)
- Blue (80%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (37%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2810, 30.4275, -52.8664 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 142.2810, 30.4275, -52.8664 by changing the saturation by 10% instead.

■ 142.2810, 30.4275,
-52.8664

■ 142.2810, 30.4275,
-52.8664

255.0000, 0.0000,
0.0000

■ 113.9600, 30.5857,
-56.9699

■ 198.0210, 28.0906,
-50.0074

■ 81.6700, 33.6867,
-71.6246

■ 223.1280, 15.7129,
-46.5933

■ 64.0310, 29.5647,
-56.1552

■ 238.2560, 8.2548,
-34.4275

■ 47.6800, 25.3008,
-41.8154

■ 247.2260, 3.8326,
-15.9842

■ 31.9160, 20.7474,
-27.9903

■ 18.2550, 16.6363,
-16.0096

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 142.2810, 30.4275,
-52.8664

■ 142.2810, 30.4275,
-52.8664

■ 132.1920, 35.4013,
-61.5584

■ 152.3700, 25.4536,
-44.1745

■ 121.8040, 40.5226,
-70.8651

■ 162.7580, 20.3323,
-34.8678

■ 111.1280, 45.7859,
-79.0423

■ 173.4340, 15.0690,
-26.6906

■ 100.7400, 50.9072,
-88.3490

■ 183.8220, 9.9478,
-17.3839

■ 193.9110, 4.9739,
-8.6919

■ 204.0000, 0.0000,
0.0000

■ 214.3880, -5.1213,
9.3067

■ 225.0640,
-10.3846, 17.4839

■ 232.1630,
-13.8844, 20.0280

Harmonies

Analogous

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



134.1940, 25.5404, -72.0841



142.2810, 30.4275, -52.8664



151.1970, 28.0039, -22.0978

Triad

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



142.2810, 30.4275, -52.8664



155.3200, -5.0878, 45.3234



146.5860, -19.0229, -11.9149

Complementary

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



142.2810, 30.4275, -52.8664



143.7190, -30.4275, 52.8664

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.



149.9050, -26.0822, 12.3613



142.2810, 30.4275, -52.8664



154.1060, -17.3073, 44.6340

Square

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



142.2810, 30.4275, -52.8664



156.7990, 8.4801, 33.5023



152.5530, -25.4156, 31.9640



141.9770, -5.4117, -37.6908

Rectangle

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



142.2810, 30.4275, -52.8664



154.7760, 23.2814, -0.6806



152.5530, -25.4156, 31.9640



148.1310, -22.2496, -3.6229

Sweetspot

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



142.2810, 30.4275, -52.8664



231.8540, 11.4110, -20.0430



158.5160, -16.5234, -67.1045



113.4590, 7.1687, -12.6805



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



142.2810, 30.4275, -52.8664



161.8290, 45.9333, -79.6570



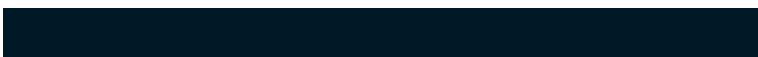
106.4740, 48.0803, -21.4637



96.6620, 2.6316, -4.0886



81.7330, 41.5436, -71.6798



19.0070, 9.3635, -16.6691

Inverse Universe

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



127.4840, 16.5234, 67.1045



139.5820, 24.8561, 101.2216



179.5260, -48.0803, 21.4637



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 142.2810, 30.4275, -52.8664 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.2810, 30.4275, -52.8664 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 ✓ Pass

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

YUV 142.2810, 30.4275, -52.8664 Background



This preview shows how black text looks on a background with the YUV color 142.2810, 30.4275, -52.8664.



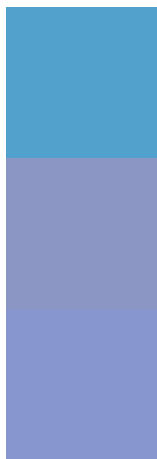
This preview shows how white text looks on a background with the YUV color 142.2810, 30.4275, -52.8664.

-52.8664.

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

142.2810, 30.4275, -52.8664

Protanopia

152.2540, 21.5668, -10.7468

Deuteranopia

152.0130, 27.1086, -14.9204



Tritanopia

138.4900, 19.9714, -59.1887

Trichromacy



Original Color

142.2810, 30.4275, -52.8664

Protanomaly

148.6650, 24.8152, -26.0162

Deuteranomaly

148.5660, 28.3150, -28.5604

Tritanomaly

140.1250, 23.6024, -57.1146

Monochromacy



Original Color

142.2810, 30.4275, -52.8664

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2810, 30.4275, -52.8664 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(82, 161, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 161, 204)  
}
```

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(82, 161, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 161, 204) }
```

Border

The CSS property to change the border of an element to YUV 142.2810, 30.4275, -52.8664 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(82, 161, 204) }
```


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

```
.border{ border-color:rgb(82, 161, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 161, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 161, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 161, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 161,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 142.2810, 30.4275, -52.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 161, 204) }
```

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

```
.background{ background-color: rgb(82, 161,  
204) }
```

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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