

Converting Colors

YUV(140.5150, 28.8331,
-54.8257)

Have a look what the booklet for
YUV(140.5150, 28.8331, -54.8257)
contains.

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Color

**YUV(140.5150, 28.8331,
-54.8257)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA1C7
RGB	78, 161, 199
RGB Percent	31%, 63%, 78%
CMY	0.6941, 0.3686, 0.2196
CMYK	0.61, 0.19, 0.00, 0.22
HSL	199°, 52%, 54%
HSV	199°, 61%, 78%
XYZ	26.1956, 31.2330, 58.6807
YIQ	140.5150, -61.6660, -5.7780

Conversions

Conversions Part 2

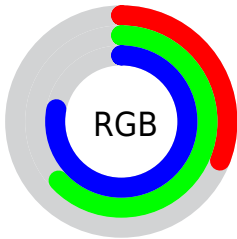
Format	Color
RYB	78, 127, 199
Decimal	5153223
CIELab	62.70, -13.85, -27.06
CIElCh	63, 30.402, 242.890
Yxy	31.2330, 0.2256, 0.2690
Android (android.graphics.Color)	4283343303 (0xFF4EA1C7)
YUV	140.5150, 28.8331, -54.8257
Hunter-Lab	55.8865, -14.1333, -23.1339

Details

The YUV color **140.5150, 28.8331, -54.8257** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **136.4850, -28.8331, 54.8257**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8250, 28.6803, -52.4665**, and **80.5130, 31.7921, -70.6099** is the 20% darker color. If you saturate the color by 10%, you get **131.0130, 33.5176, -64.0324**, and if you desaturate by 10%, it is **150.0170, 24.1486, -45.6189**.

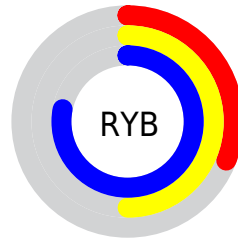
Distribution



Red (31%)

Green (63%)

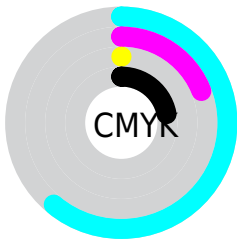
Blue (78%)



Red (31%)

Yellow (50%)

Blue (78%)

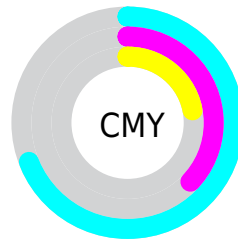


Cyan (61%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (69%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.5150, 28.8331, -54.8257 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 140.5150, 28.8331, -54.8257 by changing the saturation by 10% instead.

■ 140.5150, 28.8331,
-54.8257

■ 140.5150, 28.8331,
-54.8257

■ 255.0000, 0.0000,
0.0000

■ 112.3080, 29.4282,
-59.0291

■ 196.8250, 28.6803,
-52.4665

■ 80.5130, 31.7921,
-70.6099

■ 221.9320, 16.3025,
-49.0524

■ 63.4610, 27.3807,
-55.6553

■ 237.0600, 8.8444,
-36.8866

■ 47.1100, 23.1168,
-41.3155

■ 246.0300, 4.4222,
-18.4433

■ 31.4600, 19.0002,
-27.5904

■ 17.2120, 15.1785,
-15.0949

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 140.5150, 28.8331,
-54.8257

■ 140.5150, 28.8331,
-54.8257

■ 131.0130, 33.5176,
-64.0324

■ 150.0170, 24.1486,
-45.6189

■ 121.5110, 38.2021,
-73.2391

■ 159.5190, 19.4641,
-36.4122

■ 111.4220, 43.1760,
-81.9311

■ 169.6080, 14.4903,
-27.7202

■ 103.1050, 47.2762,
-90.4231

■ 179.1100, 9.8058,
-18.5135

■ 188.6120, 5.1213,
-9.3067

■ 197.8150, 0.5842,
-0.7148

■ 207.9040, -4.3897,
7.9772

■ 217.4060, -9.0742,
17.1839

■ 226.3100,
-13.4638, 25.1611

Harmonies

Analogous

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



134.4180, 22.4719, -67.8956



140.5150, 28.8331, -54.8257



148.7620, 27.7253, -26.1013

Triad

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



140.5150, 28.8331, -54.8257



154.6940, -2.3141, 42.3644



146.9780, -20.2022, -6.9967

Complementary

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



140.5150, 28.8331, -54.8257



136.4850, -28.8331, 54.8257

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.



149.9270, -26.0930, 15.8500



140.5150, 28.8331, -54.8257



153.7900, -14.6865, 44.0342

Square

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



140.5150, 28.8331, -54.8257



155.6350, 10.5329, 28.3841



152.0200, -23.6739, 33.3085



142.6250, -8.1961, -31.2431

Rectangle

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



140.5150, 28.8331, -54.8257



152.8570, 23.7345, -6.0136



152.0200, -23.6739, 33.3085



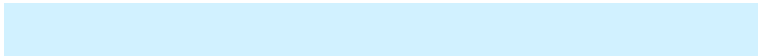
147.6370, -22.9920, 1.1954

Sweetspot

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



140.5150, 28.8331, -54.8257



233.0280, 10.8322, -21.0726



153.1310, -19.2916, -65.8899



114.0460, 6.8793, -13.1953



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.



140.5150, 28.8331, -54.8257



165.3400, 44.2024, -84.4902



105.8820, 45.9072, -24.4525



94.5480, 2.1948, -3.9886



84.3260, 38.7863, -73.9539



18.1920, 8.7793, -15.9544

Inverse Universe

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



123.6410, 18.4180, 66.0898



139.2060, 28.4924, 101.5513



171.1180, -45.9072, 24.4525



93.3750, 1.2941, 4.9331



61.5050, 24.8940, 89.0111



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 140.5150, 28.8331, -54.8257 looks on a white background.

Color Contrast Check

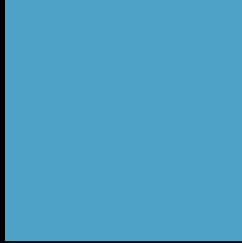
Large Text (above 18pt) WCAG AA × Fail

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 140.5150, 28.8331, -54.8257 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 140.5150, 28.8331, -54.8257 Background



This preview shows how black text looks on a background with the YUV color 140.5150, 28.8331, -54.8257.



This preview shows how white text looks on a background with the YUV color 140.5150, 28.8331, -54.8257.

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

140.5150, 28.8331, -54.8257

Protanopia

151.2820, 19.0880, -9.0173

Deuteranopia

151.4540, 24.9192, -12.6762



Tritanopia

137.4790, 19.9769, -60.9331

Trichromacy



Original Color

140.5150, 28.8331, -54.8257

Protanomaly

147.0950, 22.6312, -25.5163

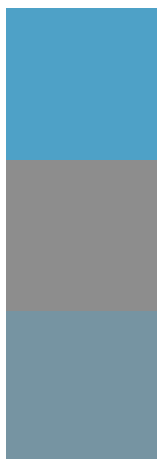
Deuteranomaly

147.4090, 26.4204, -27.5457

Tritanomaly

139.0000, 23.1710, -58.7590

Monochromacy



Original Color

140.5150, 28.8331, -54.8257

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.6260, 10.5374, -19.8430

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5150, 28.8331, -54.8257 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(78, 161, 199)` looks like.

```
.text, #text, p{  
    color:rgb(78, 161, 199)  
}
```

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(78, 161, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 161, 199) }
```

Border

The CSS property to change the border of an element to YUV 140.5150, 28.8331, -54.8257 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(78, 161, 199) }
```


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

```
.border{ border-color:rgb(78, 161, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 161, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 161, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 161, 199);  
box-shadow:4px 4px 4px 4px rgb(78, 161,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 140.5150, 28.8331, -54.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 161, 199) }
```

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

```
.background{ background-color: rgb(78, 161,  
199) }
```

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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