

Converting Colors

YUV(140.2070, 5.8139,
-44.9085)

Have a look what the booklet for
YUV(140.2070, 5.8139, -44.9085)
contains.

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Color

**YUV(140.2070, 5.8139,
-44.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	59A498
RGB	89, 164, 152
RGB Percent	35%, 64%, 60%
CMY	0.6510, 0.3569, 0.4039
CMYK	0.46, 0.00, 0.07, 0.36
HSL	170°, 30%, 50%
HSV	170°, 46%, 64%
XYZ	23.0628, 30.9418, 34.4626
YIQ	140.2070, -40.8480, -19.6320

Conversions

Conversions Part 2

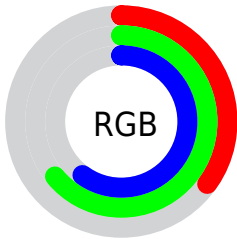
Format	Color
R _Y B	89, 130, 164
Decimal	5874840
CIE Lab	62.46, -26.32, -1.03
CIE LCh	62, 26.342, 182.232
Yxy	30.9418, 0.2607, 0.3498
Android (android.graphics.Color)	4284064920 (0xFF59A498)
YUV	140.2070, 5.8139, -44.9085
Hunter-Lab	55.6253, -23.3365, 2.2047

Details

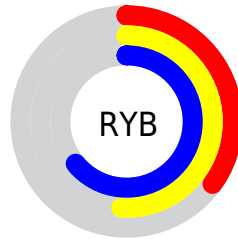
The YUV color **140.2070, 5.8139, -44.9085** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **112.7930, -5.8139, 44.9085**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7940, 5.5246, -45.4233**, and **86.8260, 6.9878, -48.0824** is the 20% darker color. If you saturate the color by 10%, you get **135.0810, 6.8621, -54.4450**, and if you desaturate by 10%, it is **145.3330, 4.7658, -35.3720**.

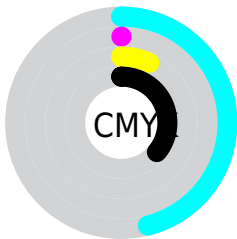
Distribution



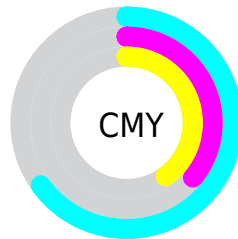
- Red (35%)
- Green (64%)
- Blue (60%)



- Red (35%)
- Yellow (51%)
- Blue (64%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)



- Cyan (65%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.2070, 5.8139, -44.9085 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 140.2070, 5.8139, -44.9085 by changing the saturation by 10% instead.

■ 140.2070, 5.8139,
-44.9085

■ 140.2070, 5.8139,
-44.9085

■ 255.0000, 0.0000,
0.0000

■ 113.3210, 6.2507,
-45.0085

■ 194.7940, 5.5246,
-45.4233

■ 86.8260, 6.9878,
-48.0824

■ 223.3810, 5.2352,
-45.9381

■ 59.8470, 8.4564,
-52.4858

■ 238.5550, 8.1074,
-33.8127

■ 43.2510, 5.7923,
-37.9311

■ 246.9270, 3.9800,
-16.5990

■ 27.8290, 2.5493,
-24.4060

■ 10.6460, 0.1745,
-9.3365

■ 0.0000, 0.0000,

0.0000

■ 140.2070, 5.8139,
-44.9085

■ 140.2070, 5.8139,
-44.9085

■ 135.0810, 6.8621,
-54.4450

■ 145.3330, 4.7658,
-35.3720

■ 129.7700, 8.4944,
-64.6963

■ 150.6440, 3.1335,
-25.1208

■ 124.6440, 9.5425,
-74.2328

■ 155.7700, 2.0854,
-15.5843

■ 119.3330, 11.1748,
-84.4840

■ 161.0810, 0.4531,
-5.3330

■ 114.2070, 12.2229,
-94.0205

■ 166.2070, -0.5951,
4.2035

■ 112.0000, 12.8180,
-98.2240

■ 171.3330, -1.6432,
13.7400

■ 176.6440, -3.2755,
23.9912

■ 181.7700, -4.3236,
33.5277

■ 187.1950, -5.5191,
43.6790

Harmonies

Analogous

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



143.8860, -7.3388, -26.2100



140.2070, 5.8139, -44.9085



138.9530, 17.7712, -53.4558

Triad

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



140.2070, 5.8139, -44.9085



153.2450, 18.6132, 3.2931



151.5080, -20.4634, 30.2495

Complementary

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



140.2070, 5.8139, -44.9085



112.7930, -5.8139, 44.9085

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.



153.2130, -12.9230, 38.4012



140.2070, 5.8139, -44.9085



154.5590, 9.0914, 24.0658

Square

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



140.2070, 5.8139, -44.9085



149.0460, 23.6413, -22.8423



154.3620, -2.1505, 36.5165



149.5400, -22.4512, 14.4354

Rectangle

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



140.2070, 5.8139, -44.9085



140.9410, 22.7071, -49.9373



154.3620, -2.1505, 36.5165



152.3990, -18.4377, 33.8531

Sweetspot

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



140.2070, 5.8139, -44.9085



204.4600, 2.2382, -17.9434



136.6130, -23.4732, -31.2326



101.2760, 1.3429, -10.7661



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



140.2070, 5.8139, -44.9085



176.5520, 9.0949, -70.6441



126.9000, 18.2903, -33.2383



79.0810, 0.4531, -5.3330



99.0230, 11.3277, -86.8432



12.2760, 1.3429, -10.7661

Inverse Universe

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



112.7930, -5.8139, 44.9085



133.4480, -9.0949, 70.6441



126.1000, -18.2903, 33.2383



75.9190, -0.4531, 5.3330



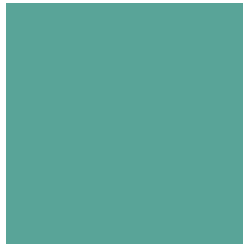
45.9770, -11.3277, 86.8432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 140.2070, 5.8139, -44.9085 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 140.2070, 5.8139, -44.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

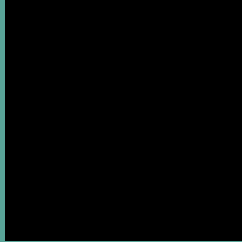
Any Text WCAG AA ✓ Pass

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 140.2070, 5.8139, -44.9085 Background



This preview shows how black text looks on a background with the YUV color 140.2070, 5.8139, -44.9085.



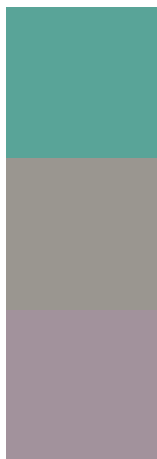
This preview shows how white text looks on a background with the YUV color 140.2070, 5.8139,

-44.9085.

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

140.2070, 5.8139, -44.9085

Protanopia

150.5120, -3.2104, 3.0590

Deuteranopia

151.9240, 2.0095, 8.8367



Tritanopia

142.7480, 15.4072, -41.8750

Trichromacy



Original Color

140.2070, 5.8139, -44.9085

Protanomaly

146.6130, 0.1908, -14.5696

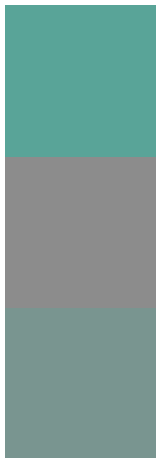
Deuteranomaly

147.8460, 3.5269, -11.2659

Tritanomaly

141.8250, 11.9183, -42.8195

Monochromacy



Original Color

140.2070, 5.8139, -44.9085

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.2070, 5.8139, -44.9085 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(89, 164, 152)` looks like.

```
.text, #text, p{  
    color:rgb(89, 164, 152)  
}
```

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(89, 164, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 164, 152) }
```

Border

The CSS property to change the border of an element to YUV 140.2070, 5.8139, -44.9085 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(89, 164, 152) }
```


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

```
.border{ border-color:rgb(89, 164, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 164, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 164, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 164, 152);  
box-shadow:4px 4px 4px 4px rgb(89, 164,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 140.2070, 5.8139, -44.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 164, 152) }
```

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

```
.background{ background-color: rgb(89, 164,  
152) }
```

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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