

Converting Colors

YUV(111.8610, 34.0855,
-59.5141)

Have a look what the booklet for
YUV(111.8610, 34.0855, -59.5141)
contains.

YUV(111.8610, 34.0855, -59.5141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.8610, 34.0855,
-59.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	2C85B5
RGB	44, 133, 181
RGB Percent	17%, 52%, 71%
CMY	0.8275, 0.4784, 0.2902
CMYK	0.76, 0.27, 0.00, 0.29
HSL	201°, 61%, 44%
HSV	201°, 76%, 71%
XYZ	17.7667, 20.6467, 46.7649
YIQ	111.8610, -68.4520, -3.9400

Conversions

Conversions Part 2

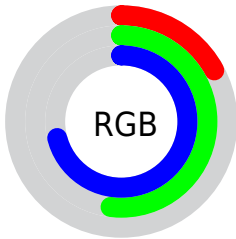
Format	Color
R_{YB}	44, 98, 181
Decimal	2917813
CIE _{Lab}	52.56, -9.63, -32.69
CIE _{LCh}	53, 34.080, 253.579
Yxy	20.6467, 0.2086, 0.2424
Android (android.graphics.Color)	4281107893 (0xFF2C85B5)
YUV	111.8610, 34.0855, -59.5141
Hunter-Lab	45.4387, -9.7234, -29.2134

Details

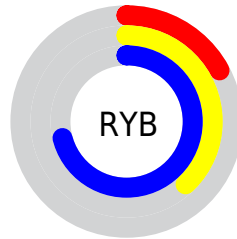
The YUV color **111.8610, 34.0855, -59.5141** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **113.1390, -34.0855, 59.5141**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7910, 33.6270, -52.4367**, and **63.9000, 31.6013, -56.0403** is the 20% darker color. If you saturate the color by 10%, you get **102.9570, 38.4752, -67.4913**, and if you desaturate by 10%, it is **120.7650, 29.6959, -51.5369**.

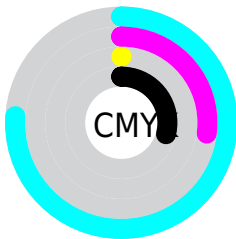
Distribution



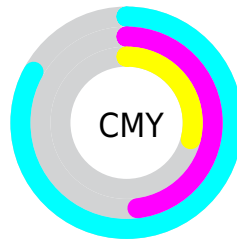
- Red (17%)
- Green (52%)
- Blue (71%)



- Red (17%)
- Yellow (38%)
- Blue (71%)



- Cyan (76%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (48%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8610, 34.0855, -59.5141 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 111.8610, 34.0855, -59.5141 by changing the saturation by 10% instead.

■ 111.8610, 34.0855,
-59.5141

■ 111.8610, 34.0855,
-59.5141

■ 255.0000, 0.0000,
0.0000

■ 80.9520, 36.0127,
-70.9949

■ 168.7910, 33.6270,
-52.4367

■ 63.9000, 31.6013,
-56.0403

■ 196.2490, 28.9642,
-50.2074

■ 47.5490, 27.3373,
-41.7005

■ 221.3560, 16.5865,
-46.7932

■ 31.7850, 22.7840,
-27.8754

■ 237.6580, 8.5496,
-35.6571

■ 17.4230, 18.5255,
-15.2800

■ 246.6280, 4.1274,
-17.2138

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 111.8610, 34.0855,
-59.5141

■ 111.8610, 34.0855,
-59.5141

■ 102.9570, 38.4752,
-67.4913

■ 120.7650, 29.6959,
-51.5369

■ 93.4660, 43.1543,
-74.9537

■ 130.2560, 25.0168,
-44.0745

■ 89.9000, 44.9123,
-78.8423

■ 139.1600, 20.6271,
-36.0973

■ 148.0640, 16.2374,
-28.1201

■ 157.8540, 11.4110,
-20.0430

■ 166.7580, 7.0213,
-12.0658

■ 175.6620, 2.6316,
-4.0886

■ 185.1530, -2.0474,
3.3738

■ 194.0570, -6.4371,
11.3510

Harmonies

Analogous

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



100.4030, 31.8463, -88.0534



111.8610, 34.0855, -59.5141



124.3330, 28.4298, -18.7090

Triad

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



111.8610, 34.0855, -59.5141



127.1740, -6.9878, 48.0824



117.8950, -17.6962, -17.4479

Complementary

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



111.8610, 34.0855, -59.5141



113.1390, -34.0855, 59.5141

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.



121.9430, -27.0869, 7.9430



111.8610, 34.0855, -59.5141



125.8240, -19.6332, 44.0044

Square

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



111.8610, 34.0855, -59.5141



128.7780, 7.0114, 37.9057



124.3740, -27.2994, 29.4900



112.1330, -2.0376, -46.5976

Rectangle

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



111.8610, 34.0855, -59.5141



127.6950, 22.8284, 4.6525



124.3740, -27.2994, 29.4900



119.5110, -21.9439, -8.3411

Sweetspot

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



111.8610, 34.0855, -59.5141



207.7010, 13.4584, -23.4168



129.8910, -18.6803, -75.3264



100.6760, 8.0477, -14.6249



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



111.8610, 34.0855, -59.5141



126.9890, 53.2494, -92.9524



71.9450, 53.7641, -24.5078



84.5480, 2.1948, -3.9886



75.5550, 38.1804, -66.2617



12.9430, 6.4371, -11.3510

Inverse Universe

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



95.1090, 18.6803, 75.3264



100.8320, 29.1698, 117.6653



153.0550, -53.7641, 24.5078



83.3750, 1.2941, 4.9331



57.0330, 20.6897, 84.1631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 111.8610, 34.0855, -59.5141 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 111.8610, 34.0855, -59.5141 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 111.8610, 34.0855, -59.5141 Background



This preview shows how black text looks on a background with the YUV color 111.8610, 34.0855, -59.5141.

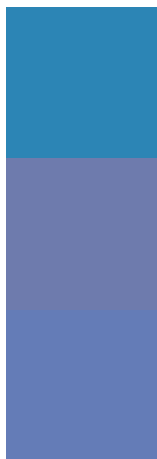


This preview shows how white text looks on a background with the YUV color 111.8610, 34.0855, -59.5141.

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

111.8610, 34.0855, -59.5141

Protanopia

124.8130, 23.7562, -12.9910

Deuteranopia

123.5500, 29.3089, -20.6533



Tritanopia

98.6930, 25.2944, -86.5538

Trichromacy



Original Color

111.8610, 34.0855, -59.5141

Protanomaly

120.3270, 27.4468, -30.1048

Deuteranomaly

119.2170, 30.9520, -34.3933

Tritanomaly

103.5570, 28.3194, -76.7875

Monochromacy



Original Color

111.8610, 34.0855, -59.5141

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0710, 12.2900, -21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8610, 34.0855, -59.5141 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(44, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(44, 133, 181)  
}
```

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(44, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 133, 181) }
```

Border

The CSS property to change the border of an element to YUV 111.8610, 34.0855, -59.5141 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(44, 133, 181) }
```


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

```
.border{ border-color:rgb(44, 133, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 133, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(44, 133,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 111.8610, 34.0855, -59.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 133, 181) }
```

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

```
.background{ background-color: rgb(44, 133,  
181) }
```

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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