

Converting Colors

YUV(160.1830, -11.4292,
-67.6895)

Have a look what the booklet for
YUV(160.1830, -11.4292, -67.6895)
contains.

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Color

**YUV(160.1830, -11.4292,
-67.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	53CC89
RGB	83, 204, 137
RGB Percent	33%, 80%, 54%
CMY	0.6745, 0.2000, 0.4627
CMYK	0.59, 0.00, 0.33, 0.20
HSL	147°, 54%, 56%
HSV	147°, 59%, 80%
XYZ	29.6755, 46.8309, 31.1421
YIQ	160.1830, -50.6090, -46.4890

Conversions

Conversions Part 2

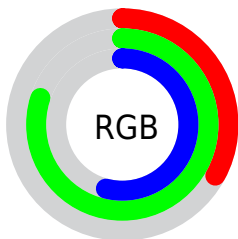
Format	Color
RYB	83, 167, 204
Decimal	5491849
CIELab	74.08, -49.08, 23.54
CIElCh	74, 54.435, 154.377
Yxy	46.8309, 0.2757, 0.4350
Android (android.graphics.Color)	4283681929 (0xFF53CC89)
YUV	160.1830, -11.4292, -67.6895
Hunter-Lab	68.4331, -42.3527, 20.9218

Details

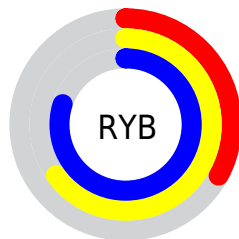
The YUV color **160.1830, -11.4292, -67.6895** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **126.8170, 11.4292, 67.6895**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9170, -11.2981, -63.0712**, and **97.3810, -5.1178, -85.4031** is the 20% darker color. If you saturate the color by 10%, you get **152.9490, -13.2859, -78.8853**, and if you desaturate by 10%, it is **167.4170, -9.5726, -56.4937**.

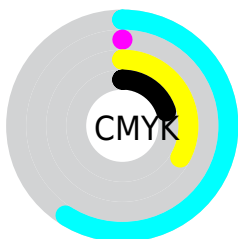
Distribution



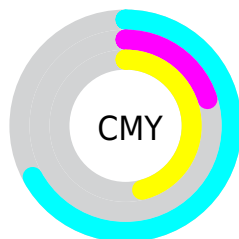
- Red (33%)
- Green (80%)
- Blue (54%)



- Red (33%)
- Yellow (65%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.1830, -11.4292, -67.6895 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 160.1830, -11.4292, -67.6895 by changing the saturation by 10% instead.

■ 160.1830,
-11.4292, -67.6895

■ 160.1830,
-11.4292, -67.6895

255.0000, 0.0000,
0.0000

■ 130.9160, -9.8186,
-70.9633

■ 213.9170,
-11.2981, -63.0712

■ 97.3810, -5.1178,
-85.4031

■ 225.7800, -3.3425,
-48.0421

■ 78.7960, -7.7874,
-69.1041

■ 237.9420, 4.4656,
-32.3981

■ 60.9120, -10.3096,
-53.4198

■ 247.8240, 3.5378,
-14.7546

■ 44.3160, -12.9738,
-38.8651

■ 28.1760, -13.8908,
-24.7104

■ 13.5010, -6.6560,

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 160.1830,
-11.4292, -67.6895

■ 160.1830,
-11.4292, -67.6895

■ 152.9490,
-13.2859, -78.8853

■ 167.4170, -9.5726,
-56.4937

■ 145.3020,
-15.4319, -90.5959

■ 175.0640, -7.4266,
-44.7831

■ 138.0680,
-17.2885, -101.7916

■ 182.2980, -5.5699,
-33.5873

■ 130.5350,
-18.9978, -113.6022

■ 189.8310, -3.8607,
-21.7768

■ 130.1220,
-19.2871, -114.1170

■ 197.0650, -2.0040,
-10.5810

■ 204.4130, 0.2894,
0.5148

■ 211.9460, 1.9986,
12.3254

■ 219.1800, 3.8553,
23.5211

■ 223.2390, 7.7702,
27.8544

Harmonies

Analogous

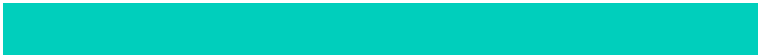
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.4440, -37.1939, -17.0524



160.1830, -11.4292, -67.6895



142.9410, 22.2141, -125.3593

Triad

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



160.1830, -11.4292, -67.6895



169.3590, 42.2210, -55.5658



177.1260, -24.2191, 68.2955

Complementary

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



160.1830, -11.4292, -67.6895



126.8170, 11.4292, 67.6895

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.



178.0160, -0.5009, 67.5150



160.1830, -11.4292, -67.6895



184.8170, 34.6002, 8.9305

Square

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



160.1830, -11.4292, -67.6895



145.8830, 53.7947, -127.9394



187.3900, 19.0347, 54.9090



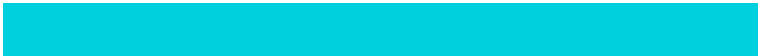
180.3100, -43.5368, 57.6101

Rectangle

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



160.1830, -11.4292, -67.6895



146.8170, 37.0652, -128.7585



187.3900, 19.0347, 54.9090



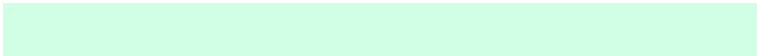
176.6020, -16.0728, 68.7550

Sweetspot

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



160.1830, -11.4292, -67.6895



238.3960, -4.1392, -25.7803



174.6580, -45.1874, -19.8711



117.5050, -2.7140, -16.2289



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.



160.1830, -11.4292, -67.6895



189.4810, -16.9991, -101.2768



166.9090, 14.3419, -73.5882



98.3260, -1.1467, -5.5479



105.8780, -15.7159, -92.8550



24.2440, -3.5713, -21.2620

Inverse Universe

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



126.8170, 11.4292, 67.6895



139.5190, 16.9991, 101.2768



120.0910, -14.3419, 73.5882



95.5600, 0.7099, 5.6479



60.1220, 15.7159, 92.8550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 160.1830, -11.4292, -67.6895 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 160.1830, -11.4292, -67.6895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

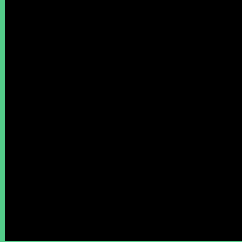
Any Text WCAG AA ✓ Pass

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 160.1830, -11.4292, -67.6895 Background



This preview shows how black text looks on a background with the YUV color 160.1830, -11.4292, -67.6895.



This preview shows how white text looks on a background with the YUV color 160.1830, -11.4292, -67.6895.

-67.6895.

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

160.1830, -11.4292, -67.6895

Protanopia

179.0300, -25.6508, 14.0057

Deuteranopia

181.6430, -18.5580, 25.7461



Tritanopia

170.2130, 20.1080, -56.3148

Trichromacy



Original Color

160.1830, -11.4292, -67.6895



Protanomaly

171.9230, -20.1750, -15.7185



Deuteranomaly

173.7050, -16.1236, -8.5113



Tritanomaly

166.5040, 8.6255, -60.0780

Monochromacy



Original Color

160.1830, -11.4292, -67.6895



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1080, -3.9972, -24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.1830, -11.4292, -67.6895 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(83, 204, 137)` looks like.

```
.text, #text, p{  
    color:rgb(83, 204, 137)  
}
```

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(83, 204, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 204, 137) }
```

Border

The CSS property to change the border of an element to YUV 160.1830, -11.4292, -67.6895 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(83, 204, 137) }
```


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

```
.border{ border-color:rgb(83, 204, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 204, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 204, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 204, 137);  
box-shadow:4px 4px 4px 4px rgb(83, 204,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 160.1830, -11.4292, -67.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 204, 137) }
```

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

```
.background{ background-color: rgb(83, 204,  
137) }
```

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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