

Converting Colors

YUV(178.0680, -17.2885,
-101.7916)

Have a look what the booklet for
YUV(178.0680, -17.2885, -101.7916)
contains.

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Color

**YUV(178.0680, -17.2885,
-101.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	3EF48F
RGB	62, 244, 143
RGB Percent	24%, 96%, 56%
CMY	0.7569, 0.0431, 0.4392
CMYK	0.75, 0.00, 0.41, 0.04
HSL	147°, 89%, 60%
HSV	147°, 75%, 96%
XYZ	39.2952, 67.7087, 36.9846
YIQ	178.0680, -76.0510, -69.9950

Conversions

Conversions Part 2

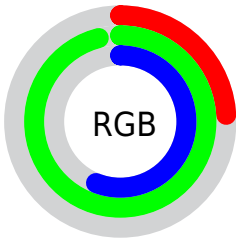
Format	Color
RYB	62, 188, 244
Decimal	4125839
CIELab	85.86, -66.57, 36.08
CIELCh	86, 75.720, 151.547
Yxy	67.7087, 0.2729, 0.4702
Android (android.graphics.Color)	4282315919 (0xFF3EF48F)
YUV	178.0680, -17.2885, -101.7916
Hunter-Lab	82.2853, -58.7568, 30.9507

Details

The YUV color **178.0680, -17.2885, -101.7916** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **127.9320, 17.2885, 101.7916**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3230, -7.0612, -68.6893**, and **119.5560, -14.0781, -104.8506** is the 20% darker color. If you saturate the color by 10%, you get **169.2960, -19.8659, -115.1466**, and if you desaturate by 10%, it is **186.8400, -14.7111, -88.4367**.

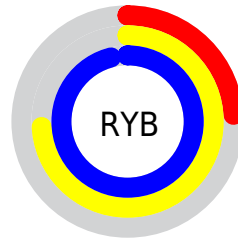
Distribution



Red (24%)

Green (96%)

Blue (56%)



Red (24%)

Yellow (74%)

Blue (96%)

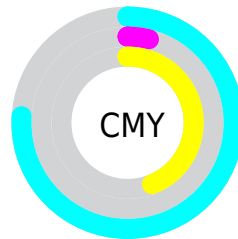


Cyan (75%)

Magenta (0%)

Yellow (41%)

Black (4%)



Cyan (76%)

Magenta (4%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0680, -17.2885, -101.7916 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 178.0680, -17.2885, -101.7916 by changing the saturation by 10% instead.

178.0680,
-17.2885, -101.7916

178.0680,
-17.2885, -101.7916

255.0000, 0.0000,
0.0000

139.5430,
-11.1137, -122.3792

212.3230, -7.0612,
-68.6893

119.5560,
-14.0781, -104.8506

225.0830, 0.4521,
-51.8158

100.2700,
-16.8951, -87.9368

237.6580, 8.5496,
-35.6571

81.6850, -19.5647,
-71.6377

246.9270, 3.9800,
-16.5990

63.4590, -23.3973,
-55.6535

46.3730, -22.8619,
-40.6691

32.2850, -15.9165,

-28.3139

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 178.0680,
-17.2885, -101.7916

■ 178.0680,
-17.2885, -101.7916

■ 169.2960,
-19.8659, -115.1466

■ 186.8400,
-14.7111, -88.4367

■ 160.3390,
-21.8591, -129.2163

■ 195.7970,
-12.7179, -74.3670

■ 155.6540,
-23.0004, -136.5086

■ 204.5690,
-10.1405, -61.0120


■ 213.5260, -8.1473,
-46.9423

 222.2980, -5.5699,
-33.5873

 230.9560, -3.4293,
-20.1324

 240.0270, -0.9993,
-6.1627

 248.0870, 1.4361,
6.0627

 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



198.2700, -56.8281, -19.5308



178.0680, -17.2885, -101.7916



170.7870, 22.2900, -149.7802

Triad

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



178.0680, -17.2885, -101.7916



159.3840, 47.1387, -139.7798



185.4070, -20.4137, 61.0331

Complementary

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



178.0680, -17.2885, -101.7916



127.9320, 17.2885, 101.7916

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.



187.5170, 13.0561, 59.1826



178.0680, -17.2885, -101.7916



209.0270, 22.6647, 10.5003

Square

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



178.0680, -17.2885, -101.7916



169.9500, 41.9297, -149.0461



201.5830, 26.3346, 46.8467



194.6440, -53.5615, 52.9322

Rectangle

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



178.0680, -17.2885, -101.7916



175.2330, 39.3251, -153.6793



201.5830, 26.3346, 46.8467



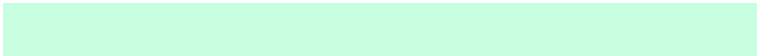
184.3930, -9.0677, 61.9223

Sweetspot

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



178.0680, -17.2885, -101.7916



234.7220, -5.2859, -31.3282



199.6310, -67.8521, -30.3714



115.6680, -3.2873, -19.0028



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.



178.0680, -17.2885, -101.7916



171.7520, -21.5697, -128.7015



188.2140, 21.5865, -110.6897



117.7280, -0.8519, -6.7775



118.6440, -17.5725, -104.0508



37.5970, -5.7173, -32.9726

Inverse Universe

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



127.9320, 17.2885, 101.7916



108.3620, 22.0065, 128.6015



117.7860, -21.5865, 110.6897



114.3860, 1.2887, 6.6775



67.3560, 17.5725, 104.0508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 178.0680, -17.2885, -101.7916 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 178.0680, -17.2885, -101.7916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

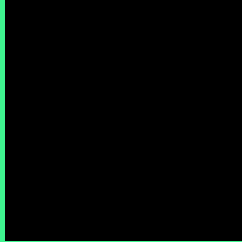
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

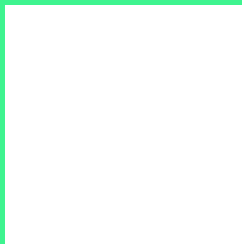
Any Text WCAG AAA ✓ Pass

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

YUV 178.0680, -17.2885, -101.7916 Background



This preview shows how black text looks on a background with the YUV color 178.0680, -17.2885, -101.7916.



This preview shows how white text looks on a background with the YUV color 178.0680, -17.2885, -101.7916.

-101.7916.

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

178.0680, -17.2885, -101.7916

Protanopia

209.3330, -38.6182, 19.8790

Deuteranopia

212.4240, -29.7890, 34.7082



Tritanopia

195.7910, 26.7250, -78.7467

Trichromacy



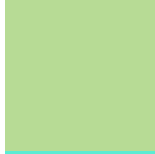
Original Color

178.0680, -17.2885, -101.7916



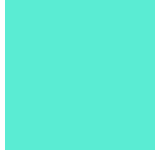
Protanomaly

197.7080, -30.9150, -24.2999



Deuteranomaly

200.2560, -25.2692, -15.1335



Tritanomaly

189.4960, 10.6015, -87.2580

Monochromacy



Original Color

178.0680, -17.2885, -101.7916



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0480, -6.4327, -36.8761

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0680, -17.2885, -101.7916 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(62, 244, 143)` looks like.

```
.text, #text, p{  
    color:rgb(62, 244, 143)  
}
```

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(62, 244, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 244, 143) }
```

Border

The CSS property to change the border of an element to YUV 178.0680, -17.2885, -101.7916 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(62, 244, 143) }
```


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

```
.border{ border-color:rgb(62, 244, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 244, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 244, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 244, 143);  
box-shadow:4px 4px 4px 4px rgb(62, 244,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 178.0680, -17.2885, -101.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 244, 143) }
```

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

```
.background{ background-color: rgb(62, 244,  
143) }
```

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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