

Converting Colors

YUV(184.8720, -2.8949,
-51.6307)

Have a look what the booklet for
YUV(184.8720, -2.8949, -51.6307)
contains.

YUV(184.8720, -2.8949, -51.6307)	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(184.8720, -2.8949,
-51.6307)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED8B3
RGB	126, 216, 179
RGB Percent	49%, 85%, 70%
CMY	0.5059, 0.1529, 0.2980
CMYK	0.42, 0.00, 0.17, 0.15
HSL	155°, 54%, 67%
HSV	155°, 42%, 85%
XYZ	41.2967, 56.8020, 51.4351
YIQ	184.8720, -41.7630, -30.5870

Conversions

Conversions Part 2

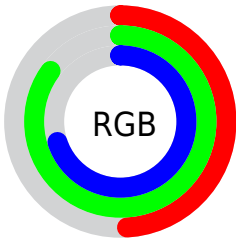
Format	Color
RYB	126, 183, 216
Decimal	8313011
CIELab	80.07, -35.39, 9.87
CIELCh	80, 36.738, 164.412
Yxy	56.8020, 0.2762, 0.3799
Android (android.graphics.Color)	4286503091 (0xFF7ED8B3)
YUV	184.8720, -2.8949, -51.6307
Hunter-Lab	75.3671, -34.0850, 12.2938

Details

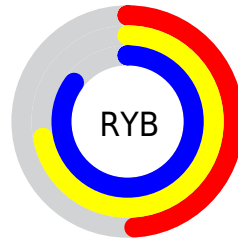
The YUV color **184.8720, -2.8949, -51.6307** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **157.1280, 2.8949, 51.6307**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8930, 2.0248, -42.8792**, and **129.8010, -1.8739, -52.4455** is the 20% darker color. If you saturate the color by 10%, you get **177.2680, -3.5831, -64.2560**, and if you desaturate by 10%, it is **192.4760, -2.2067, -39.0055**.

Distribution



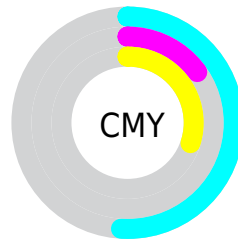
- Red (49%)
- Green (85%)
- Blue (70%)



- Red (49%)
- Yellow (72%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8720, -2.8949, -51.6307 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 184.8720, -2.8949, -51.6307 by changing the saturation by 10% instead.

■ 184.8720, -2.8949,
-51.6307

■ 184.8720, -2.8949,
-51.6307

255.0000, 0.0000,
0.0000

■ 156.9860, -2.4581,
-51.7307

■ 230.8930, 2.0248,
-42.8792

■ 129.8010, -1.8739,
-52.4455

■ 241.8440, 6.4859,
-27.0502

■ 102.4310, -0.7055,
-53.8750

■ 250.5150, 2.2111,
-9.2217

■ 72.1740, 2.3792,
-63.2966

■ 54.8770, -0.4324,
-48.1271

■ 38.3950, -2.6597,
-33.6724

■ 23.5600, -6.1921,

-20.6621

■ 0.0000, 0.0000,
0.0000

■ 184.8720, -2.8949,
-51.6307

■ 184.8720, -2.8949,
-51.6307

■ 177.2680, -3.5831,
-64.2560

■ 192.4760, -2.2067,
-39.0055

■ 169.9630, -4.4188,
-76.2666

■ 199.7810, -1.3710,
-26.9949

■ 162.3590, -5.1070,
-88.8918

■ 207.3850, -0.6828,
-14.3696

■ 155.0540, -5.9426,
-100.9024


■ 214.6900, 0.1528,
-2.3591


■ 147.5640, -6.1941,
-113.6276


■ 222.1800, 0.4043,
10.3661

 141.2700, -7.0351,
-123.8938

 229.4850, 1.2399,
22.3767

 230.5110, 5.1711,
21.4769

 231.5370, 9.1023,
20.5771

 232.1070, 11.2862,
20.0772

Harmonies

Analogous

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



190.7760, -20.5956, -20.8516



184.8720, -2.8949, -51.6307



178.3860, 17.5577, -78.3915

Triad

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



184.8720, -2.8949, -51.6307



197.0450, 28.5718, -17.5795



198.6460, -22.9965, 49.4225

Complementary

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



184.8720, -2.8949, -51.6307



157.1280, 2.8949, 51.6307

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.



198.6580, -7.7194, 49.4119



184.8720, -2.8949, -51.6307



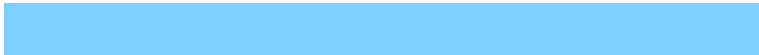
203.2560, 22.0588, 18.1925

Square

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



184.8720, -2.8949, -51.6307



187.6550, 33.2011, -55.8254



203.8220, 6.9898, 44.8831



197.8540, -31.9730, 35.2080

Rectangle

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



184.8720, -2.8949, -51.6307



177.6160, 28.7833, -85.6092



203.8220, 6.9898, 44.8831



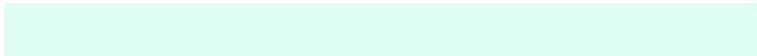
197.9110, -18.1971, 50.0671

Sweetspot

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



184.8720, -2.8949, -51.6307



243.5370, -1.2507, -18.8879



189.8930, -31.4992, -23.5852



120.6950, -0.8356, -12.0105



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.



184.8720, -2.8949, -51.6307



211.0990, -3.9928, -72.8778



184.9810, 15.2924, -51.7263



103.2550, -0.1257, -6.3626



111.8910, -5.3693, -98.1284



28.2050, -1.0871, -24.7358

Inverse Universe

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



157.1280, 2.8949, 51.6307



171.9010, 3.9928, 72.8778



157.6060, -15.5818, 51.2115



99.8590, 0.5625, 6.2627



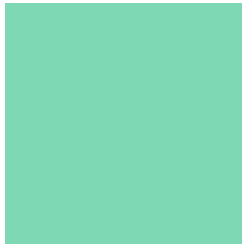
59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 184.8720, -2.8949, -51.6307 looks on a white background.

Color Contrast Check

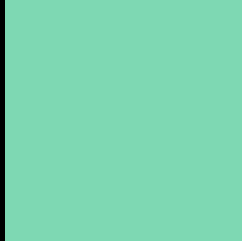
Large Text (above 18pt) WCAG AA × Fail

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 184.8720, -2.8949, -51.6307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

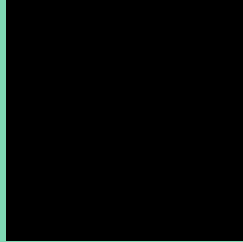
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

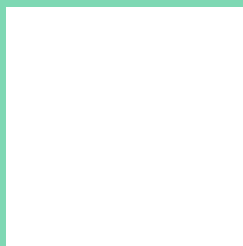
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.8720, -2.8949, -51.6307

Background



This preview shows how black text looks on a background with the YUV color 184.8720, -2.8949, -51.6307.



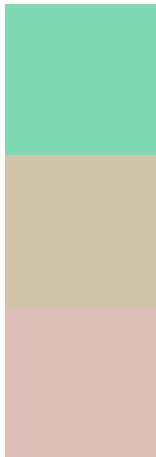
This preview shows how white text looks on a background with the YUV color 184.8720, -2.8949, -51.6307.

-51.6307.

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

184.8720, -2.8949, -51.6307

Protanopia

196.7980, -13.7044, 8.9472

Deuteranopia

199.1720, -7.4798, 19.1432



Tritanopia

189.7090, 17.8915, -45.3488

Trichromacy



Original Color

184.8720, -2.8949, -51.6307

Protanomaly

192.6920, -9.7082, -12.8849

Deuteranomaly

193.7620, -5.7987, -6.8073

Tritanomaly

188.3360, 10.1874, -47.6527

Monochromacy



Original Color

184.8720, -2.8949, -51.6307

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9500, -0.9613, -18.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8720, -2.8949, -51.6307 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(126, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(126, 216, 179)  
}
```

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(126, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 216, 179) }
```

Border

The CSS property to change the border of an element to YUV 184.8720, -2.8949, -51.6307 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(126, 216, 179) }
```


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

```
.border{ border-color:rgb(126, 216, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(126, 216,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 184.8720, -2.8949, -51.6307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 216, 179) }
```

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

```
.background{ background-color: rgb(126,  
216, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor