

Converting Colors

YUV(186.8180, -4.3473,
-52.4604)

Have a look what the booklet for
YUV(186.8180, -4.3473, -52.4604)
contains.

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Color

**YUV(186.8180, -4.3473,
-52.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	7FDBB2
RGB	127, 219, 178
RGB Percent	50%, 86%, 70%
CMY	0.5020, 0.1412, 0.3020
CMYK	0.42, 0.00, 0.19, 0.14
HSL	153°, 56%, 68%
HSV	153°, 42%, 86%
XYZ	42.1198, 58.3894, 51.1698
YIQ	186.8180, -41.6710, -32.2550

Conversions

Conversions Part 2

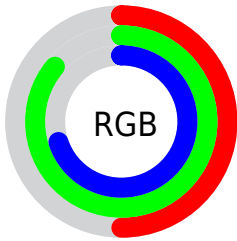
Format	Color
RYB	127, 186, 219
Decimal	8379314
CIELab	80.95, -36.71, 11.67
CIElCh	81, 38.519, 162.365
Yxy	58.3894, 0.2777, 0.3850
Android (android.graphics.Color)	4286569394 (0xFF7FDBB2)
YUV	186.8180, -4.3473, -52.4604
Hunter-Lab	76.4130, -35.3312, 13.7856

Details

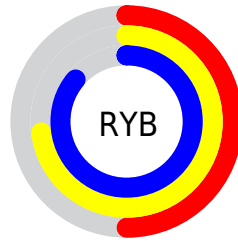
The YUV color **186.8180, -4.3473, -52.4604** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **159.1820, 4.3473, 52.4604**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0780, 1.4405, -42.1644**, and **131.1600, -3.0369, -52.7603** is the 20% darker color. If you saturate the color by 10%, you get **179.1000, -5.4723, -64.9857**, and if you desaturate by 10%, it is **194.5360, -3.2222, -39.9351**.

Distribution



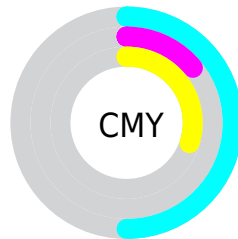
- Red (50%)
- Green (86%)
- Blue (70%)



- Red (50%)
- Yellow (73%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8180, -4.3473, -52.4604 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 186.8180, -4.3473, -52.4604 by changing the saturation by 10% instead.

■ 186.8180, -4.3473,
-52.4604

■ 186.8180, -4.3473,
-52.4604

255.0000, 0.0000,
0.0000

■ 158.9320, -3.9105,
-52.5604

■ 231.0780, 1.4405,
-42.1644

■ 131.1600, -3.0369,
-52.7603

■ 242.1430, 6.3385,
-26.4354

■ 104.0780, -2.0105,
-55.3194

■ 250.8140, 2.0637,
-8.6069

■ 73.8210, 1.0742,
-64.7410

■ 56.6380, -1.3005,
-49.6715

■ 40.0420, -3.9647,
-35.1168

■ 24.6200, -7.2077,

-21.5917

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 186.8180, -4.3473,
-52.4604

■ 186.8180, -4.3473,
-52.4604

■ 179.1000, -5.4723,
-64.9857

■ 194.5360, -3.2222,
-39.9351

■ 171.3820, -6.5973,
-77.5110

■ 202.2540, -2.0972,
-27.4098


■ 163.7780, -7.2856,
-90.1363


■ 209.8580, -1.4090,
-14.7845


■ 156.0600, -8.4106,
-102.6616

■ 217.5760, -0.2840,
-2.2592


 148.6410, -9.6830,
-114.5722

 224.9950, 0.9885,
9.6514

 142.3470,
-10.5241, -124.8383

 231.8160, 2.5557,
20.3324

 232.8420, 6.4869,
19.4326

 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



192.9180, -22.6376, -19.2221



186.8180, -4.3473, -52.4604



179.6520, 17.4266, -83.0098

Triad

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



186.8180, -4.3473, -52.4604



198.2080, 27.9985, -20.3534



199.4610, -22.4123, 48.7077

Complementary

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



186.8180, -4.3473, -52.4604



159.1820, 4.3473, 52.4604

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.



199.7010, -6.2616, 48.4972



186.8180, -4.3473, -52.4604



205.4130, 23.9534, 17.1778

Square

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



186.8180, -4.3473, -52.4604



187.9100, 33.0754, -62.1881



205.0930, 9.3212, 43.7684



200.2350, -33.1469, 38.3819

Rectangle

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



186.8180, -4.3473, -52.4604



176.9140, 30.1154, -92.8866



205.0930, 9.3212, 43.7684



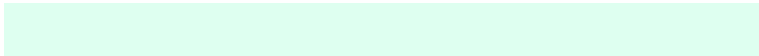
198.8400, -17.1761, 49.2523

Sweetspot

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



186.8180, -4.3473, -52.4604



243.4230, -1.6875, -18.7880



193.2630, -32.6677, -22.1557



120.5810, -1.2724, -11.9105



0.0000, 0.0000, 0.0000



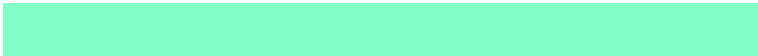
128.0000, 0.0000, 0.0000

Same Dimension

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



186.8180, -4.3473, -52.4604



210.5290, -6.1768, -72.3779



188.5570, 15.0084, -53.9855



106.1410, -0.5625, -6.2627



112.4950, -8.1320, -98.6581



29.8520, -2.3920, -26.1802

Inverse Universe

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



159.1820, 4.3473, 52.4604



172.3570, 5.7400, 72.4779



157.4430, -15.0084, 53.9855



102.8590, 0.5625, 6.2627



60.5050, 8.1320, 98.6581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 186.8180, -4.3473, -52.4604 looks on a white background.

Color Contrast Check

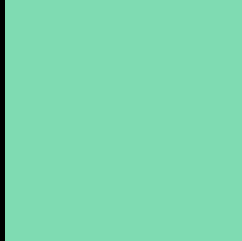
Large Text (above 18pt) WCAG AA × Fail

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 186.8180, -4.3473, -52.4604 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

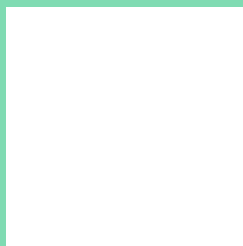
Any Text WCAG AAA ✓ Pass

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

YUV 186.8180, -4.3473, -52.4604 Background



This preview shows how black text looks on a background with the YUV color 186.8180, -4.3473, -52.4604.



This preview shows how white text looks on a background with the YUV color 186.8180, -4.3473,

-52.4604.

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

186.8180, -4.3473, -52.4604

Protanopia

199.0540, -15.3096, 10.4766

Deuteranopia

201.5420, -8.6482, 20.5727



Tritanopia

192.4100, 18.0389, -45.9636

Trichromacy



Original Color

186.8180, -4.3473, -52.4604



Protanomaly

194.3500, -11.0185, -12.5849



Deuteranomaly

195.8330, -6.8197, -5.9925



Tritanomaly

190.5100, 9.6086, -48.6823

Monochromacy



Original Color

186.8180, -4.3473, -52.4604



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.1240, -1.5401, -19.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8180, -4.3473, -52.4604 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(127, 219, 178)` looks like.

```
.text, #text, p{  
    color:rgb(127, 219, 178)  
}
```

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(127, 219, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 219, 178) }
```

Border

The CSS property to change the border of an element to YUV 186.8180, -4.3473, -52.4604 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(127, 219, 178) }
```


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

```
.border{ border-color:rgb(127, 219, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 219, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 219, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 219, 178);  
box-shadow:4px 4px 4px 4px rgb(127, 219,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 186.8180, -4.3473, -52.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 219, 178) }
```

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

```
.background{ background-color: rgb(127,  
219, 178) }
```

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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