

Converting Colors

YUV(183.7190, -17.6095,
-45.3576)

Have a look what the booklet for
YUV(183.7190, -17.6095, -45.3576)
contains.

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Color

**YUV(183.7190, -17.6095,
-45.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	84D994
RGB	132, 217, 148
RGB Percent	52%, 85%, 58%
CMY	0.4824, 0.1490, 0.4196
CMYK	0.39, 0.00, 0.32, 0.15
HSL	131°, 53%, 68%
HSV	131°, 39%, 85%
XYZ	39.6739, 56.6694, 36.8642
YIQ	183.7190, -28.5110, -39.4790

Conversions

Conversions Part 2

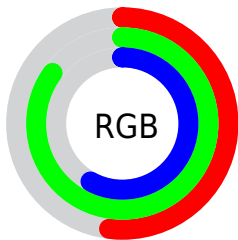
Format	Color
RYB	132, 204, 217
Decimal	8706452
CIELab	79.99, -40.09, 26.11
CIELCh	80, 47.844, 146.924
Yxy	56.6694, 0.2978, 0.4254
Android (android.graphics.Color)	4286896532 (0xFF84D994)
YUV	183.7190, -17.6095, -45.3576
Hunter-Lab	75.2791, -37.6646, 23.6610

Details

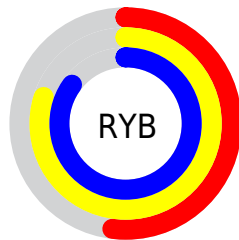
The YUV color **183.7190, -17.6095, -45.3576** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.2810, 17.6095, 45.3576**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.9250, -13.2740, -35.8912**, and **129.1750, -15.8623, -45.7575** is the 20% darker color. If you saturate the color by 10%, you get **175.0890, -22.2289, -57.0831**, and if you desaturate by 10%, it is **192.3490, -12.9901, -33.6321**.

Distribution



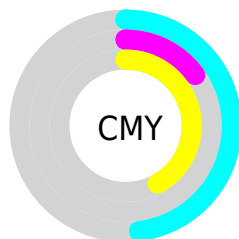
- Red (52%)
- Green (85%)
- Blue (58%)



- Red (52%)
- Yellow (80%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)



- Cyan (48%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.7190, -17.6095, -45.3576 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 183.7190, -17.6095, -45.3576 by changing the saturation by 10% instead.

■ 183.7190,
-17.6095, -45.3576

■ 183.7190,
-17.6095, -45.3576

255.0000, 0.0000,
0.0000

■ 156.2460,
-16.8833, -44.9427

■ 228.9250,
-13.2740, -35.8912

■ 129.1750,
-15.8623, -45.7575

■ 240.9020, -4.8817,
-20.9621

■ 102.1040,
-14.8413, -46.5722

■ 252.3090, 1.3267,
-5.5330

■ 73.7550, -12.2042,
-52.4051

■ 52.2720, -12.9521,
-45.8425

■ 35.4480, -16.4899,
-31.0879

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 183.7190,
-17.6095, -45.3576

■ 183.7190,
-17.6095, -45.3576

■ 175.0890,
-22.2289, -57.0831

■ 192.3490,
-12.9901, -33.6321

■ 166.8720,
-26.5589, -68.2937

■ 200.5660, -8.6600,
-22.4214

■ 158.2420,
-31.1783, -80.0192

■ 209.1960, -4.0406,
-10.6959

■ 149.7260,
-35.3609, -91.8447

■ 217.7120, 0.1420,
1.1296

■ 141.3950,
-40.1277, -102.9554

■ 226.3420, 4.7614,
12.8551

■ 132.7650,
-44.7471, -114.6809

■ 232.5800, 10.5601,
19.6623

■ 132.0530,
-44.8891, -115.8105

■ 232.6940, 10.9969,
19.5624

Harmonies

Analogous

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



191.0480, -36.5057, -4.4271



183.7190, -17.6095, -45.3576



169.2560, 11.2128, -96.6945

Triad

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



183.7190, -17.6095, -45.3576



184.3990, 34.8063, -57.3549



191.9270, -15.7400, 55.3150

Complementary

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



183.7190, -17.6095, -45.3576



165.2810, 17.6095, 45.3576

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.



195.2960, 4.7841, 52.3604



183.7190, -17.6095, -45.3576



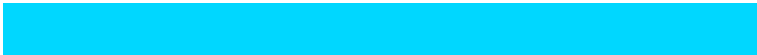
198.0300, 28.0862, -1.7803

Square

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



183.7190, -17.6095, -45.3576



155.2750, 49.1644, -136.1762



203.9860, 21.6989, 40.3543



194.9810, -34.5006, 52.6367

Rectangle

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



183.7190, -17.6095, -45.3576



155.7360, 33.1612, -136.5805



203.9860, 21.6989, 40.3543



191.8760, -8.3199, 55.3597

Sweetspot

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



183.7190, -17.6095, -45.3576



242.8810, -6.3503, -16.5586



202.5260, -34.7693, -1.3383



120.9080, -3.8986, -9.5663



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.



183.7190, -17.6095, -45.3576



208.0620, -24.6806, -64.0754



188.5070, 0.7360, -49.5566



105.6850, -2.3097, -5.8627



105.3130, -35.6503, -92.3595



28.0280, -9.3808, -24.5806

Inverse Universe

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



165.2810, 17.6095, 45.3576



181.9380, 24.6806, 64.0754



160.4930, -0.7360, 49.5566



103.3150, 2.3097, 5.8627



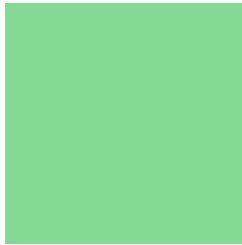
67.8010, 36.0871, 92.2595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 183.7190, -17.6095, -45.3576 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 183.7190, -17.6095, -45.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

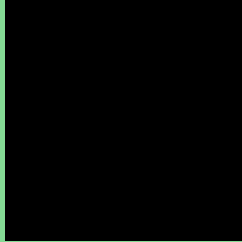
Any Text WCAG AA ✓ Pass

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 183.7190, -17.6095, -45.3576 Background



This preview shows how black text looks on a background with the YUV color 183.7190, -17.6095, -45.3576.



This preview shows how white text looks on a background with the YUV color 183.7190, -17.6095, -45.3576.

-45.3576.

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

183.7190, -17.6095, -45.3576

Protanopia

195.1720, -27.6928, 15.6352

Deuteranopia

197.5680, -21.4790, 29.3199



Tritanopia

191.2970, 16.1226, -37.9715

Trichromacy



Original Color

183.7190, -17.6095, -45.3576

Protanomaly

190.9520, -24.1333, -6.0969

Deuteranomaly

192.4460, -19.9399, 2.2399

Tritanomaly

188.6590, 3.6191, -40.9199

Monochromacy



Original Color

183.7190, -17.6095, -45.3576

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.8810, -6.3503, -16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.7190, -17.6095, -45.3576 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(132, 217, 148)` looks like.

```
.text, #text, p{  
    color:rgb(132, 217, 148)  
}
```

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(132, 217, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 217, 148) }
```

Border

The CSS property to change the border of an element to YUV 183.7190, -17.6095, -45.3576 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(132, 217, 148) }
```


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

```
.border{ border-color:rgb(132, 217, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 217, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 217, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 217, 148);  
box-shadow:4px 4px 4px 4px rgb(132, 217,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 183.7190, -17.6095, -45.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 217, 148) }
```

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

```
.background{ background-color: rgb(132,  
217, 148) }
```

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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