

Converting Colors

YUV(184.3240, 4.7703,
-83.5991)

Have a look what the booklet for
YUV(184.3240, 4.7703, -83.5991)
contains.

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Color

**YUV(184.3240, 4.7703,
-83.5991)**

Conversions

Conversions Part 1

Format	Color
Hex	59E7C2
RGB	89, 231, 194
RGB Percent	35%, 91%, 76%
CMY	0.6510, 0.0941, 0.2392
CMYK	0.61, 0.00, 0.16, 0.09
HSL	164°, 75%, 63%
HSV	164°, 61%, 91%
XYZ	42.4333, 63.1707, 60.9956
YIQ	184.3240, -72.7550, -41.6110

Conversions

Conversions Part 2

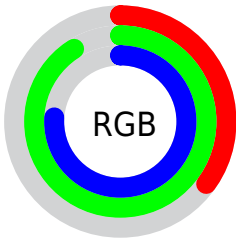
Format	Color
RYB	89, 171, 231
Decimal	5892034
CIELab	83.53, -46.87, 6.74
CIELCh	84, 47.356, 171.822
Yxy	63.1707, 0.2547, 0.3792
Android (android.graphics.Color)	4284082114 (0xFF59E7C2)
YUV	184.3240, 4.7703, -83.5991
Hunter-Lab	79.4800, -43.7912, 10.1349

Details

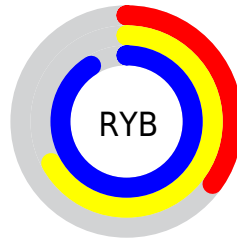
The YUV color **184.3240, 4.7703, -83.5991** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **135.6760, -4.7703, 83.5991**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6330, 12.9989, -62.8221**, and **118.6850, 10.5083, -104.0867** is the 20% darker color. If you saturate the color by 10%, you get **176.7630, 5.5398, -97.1392**, and if you desaturate by 10%, it is **191.8850, 4.0007, -70.0591**.

Distribution



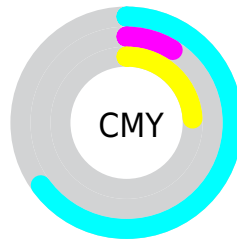
- Red (35%)
- Green (91%)
- Blue (76%)



- Red (35%)
- Yellow (67%)
- Blue (91%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.3240, 4.7703, -83.5991 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 184.3240, 4.7703, -83.5991 by changing the saturation by 10% instead.

■ 184.3240, 4.7703,
-83.5991

■ 184.3240, 4.7703,
-83.5991

255.0000, 0.0000,
0.0000

■ 153.4590, 6.6757,
-88.1025

■ 223.6330, 12.9989,
-62.8221

■ 118.6850, 10.5083,
-104.0867

■ 233.1730, 10.7607,
-44.8787

■ 99.3990, 7.6913,
-87.1729

■ 242.1430, 6.3385,
-26.4354

■ 81.2870, 4.2955,
-71.2887

■ 251.4120, 1.7689,
-7.3773

■ 63.4030, 1.7733,
-55.6044

■ 46.2200, -0.6015,
-40.5349

■ 30.3250, -3.1182,

-26.5950

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 184.3240, 4.7703,
-83.5991

■ 184.3240, 4.7703,
-83.5991

■ 176.7630, 5.5398,
-97.1392

■ 191.8850, 4.0007,
-70.0591

■ 169.2020, 6.3094,
-110.6792


■ 199.4460, 3.2311,
-56.5191


■ 161.6410, 7.0790,
-124.2192

■ 207.0070, 2.4615,
-42.9791

■ 155.0910, 7.8431,
-136.0148


■ 214.5680, 1.6920,
-29.4391

 222.1290, 0.9224,
-15.8991

 229.9890, 0.0054,
-1.7444

 237.5500, -0.7641,
11.7957

 239.4300, 1.2670,
13.6549

 240.1140, 3.8878,
13.0550

Harmonies

Analogous

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



195.3240, -21.8517, -37.9951



184.3240, 4.7703, -83.5991



162.9570, 37.9822, -142.9133

Triad

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



184.3240, 4.7703, -83.5991



205.3620, 24.4715, -9.0875



201.3870, -30.2638, 47.0186

Complementary

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



184.3240, 4.7703, -83.5991



135.6760, -4.7703, 83.5991

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.



199.1480, -10.9190, 48.9822



184.3240, 4.7703, -83.5991



213.0130, 20.6996, 34.1916

Square

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



184.3240, 4.7703, -83.5991



190.8450, 31.6284, -64.7621



203.6910, 9.0263, 44.9980



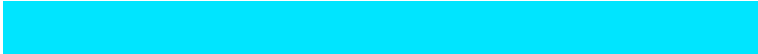
205.7050, -42.7456, 37.0927

Rectangle

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



184.3240, 4.7703, -83.5991



163.4930, 45.1130, -143.3834



203.6910, 9.0263, 44.9980



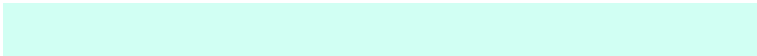
199.7060, -24.0121, 48.4928

Sweetspot

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



184.3240, 4.7703, -83.5991



239.8780, 1.5391, -27.0800



183.7160, -46.6950, -49.7399



118.4170, 0.7804, -17.0287



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.



184.3240, 4.7703, -83.5991



192.9030, 6.4568, -111.2939



169.1710, 30.4817, -70.3100



111.0700, 0.4585, -7.0774



120.1210, 5.8563, -105.3461



34.2690, 1.8394, -30.0539

Inverse Universe

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



135.6760, -4.7703, 83.5991



128.0970, -6.4568, 111.2939



150.8290, -30.4817, 70.3100



106.9300, -0.4585, 7.0774



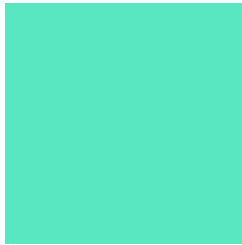
58.8790, -5.8563, 105.3461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 184.3240, 4.7703, -83.5991 looks on a white background.

Color Contrast Check

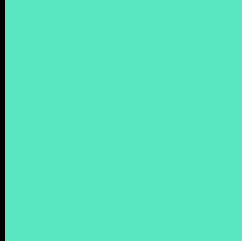
Large Text (above 18pt) WCAG AA × Fail

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 184.3240, 4.7703, -83.5991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

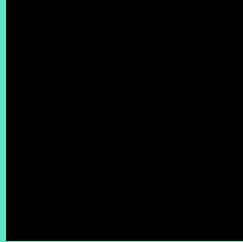
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

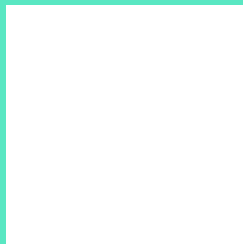
Any Text WCAG AAA ✓ Pass

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

YUV 184.3240, 4.7703, -83.5991 Background



This preview shows how black text looks on a background with the YUV color 184.3240, 4.7703, -83.5991.



This preview shows how white text looks on a background with the YUV color 184.3240, 4.7703, -83.5991.

-83.5991.

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

184.3240, 4.7703, -83.5991

Protanopia

206.1400, -12.3940, 8.6472

Deuteranopia

208.7850, -3.8380, 17.7286



Tritanopia

191.0690, 25.1090, -73.7285

Trichromacy



Original Color

184.3240, 4.7703, -83.5991



Protanomaly

198.2390, -6.0338, -24.7656



Deuteranomaly

199.6510, -0.8139, -18.9879



Tritanomaly

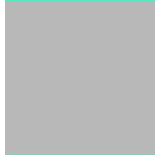
188.7990, 17.8471, -77.8767

Monochromacy



Original Color

184.3240, 4.7703, -83.5991



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.9700, 1.9868, -30.6687

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.3240, 4.7703, -83.5991 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(89, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(89, 231, 194)  
}
```

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(89, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 231, 194) }
```

Border

The CSS property to change the border of an element to YUV 184.3240, 4.7703, -83.5991 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(89, 231, 194) }
```


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

```
.border{ border-color:rgb(89, 231, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 231, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 231, 194);  
box-shadow:4px 4px 4px 4px rgb(89, 231,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 184.3240, 4.7703, -83.5991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 231, 194) }
```

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

```
.background{ background-color: rgb(89, 231,  
194) }
```

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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