

Converting Colors

YUV(186.9140, 13.3534,
-83.2396)

Have a look what the booklet for
YUV(186.9140, 13.3534, -83.2396)
contains.

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Color

**YUV(186.9140, 13.3534,
-83.2396)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE6D6
RGB	92, 230, 214
RGB Percent	36%, 90%, 84%
CMY	0.6392, 0.0980, 0.1608
CMYK	0.60, 0.00, 0.07, 0.10
HSL	173°, 73%, 63%
HSV	173°, 60%, 90%
XYZ	44.8480, 63.7240, 73.5545
YIQ	186.9140, -77.1120, -34.2320

Conversions

Conversions Part 2

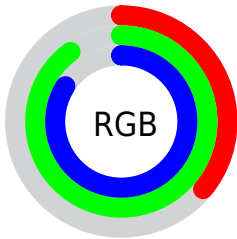
Format	Color
R _Y B	92, 165, 230
Decimal	6088406
CIE Lab	83.82, -41.01, -3.38
CIE LCh	84, 41.147, 184.713
Yxy	63.7240, 0.2462, 0.3499
Android (android.graphics.Color)	4284278486 (0xFF5CE6D6)
YUV	186.9140, 13.3534, -83.2396
Hunter-Lab	79.8273, -39.4141, 1.2481

Details

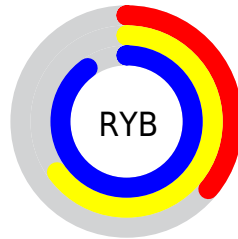
The YUV color **186.9140, 13.3534, -83.2396** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **135.0860, -13.3534, 83.2396**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **120.2640, 19.0968, -105.4715** is the 20% darker color. If you saturate the color by 10%, you get **179.6950, 15.4334, -97.0795**, and if you desaturate by 10%, it is **194.1330, 11.2734, -69.3996**.

Distribution



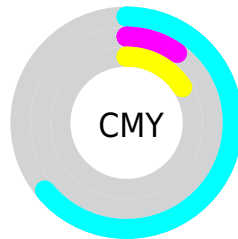
- Red (36%)
- Green (90%)
- Blue (84%)



- Red (36%)
- Yellow (65%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9140, 13.3534, -83.2396 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 186.9140, 13.3534, -83.2396 by changing the saturation by 10% instead.

■ 186.9140, 13.3534,
-83.2396

■ 186.9140, 13.3534,
-83.2396

255.0000, 0.0000,
0.0000

■ 156.5220, 14.5327,
-88.1578

■ 225.1000, 14.7407,
-61.4777

■ 120.2640, 19.0968,
-105.4715

■ 234.0700, 10.3185,
-43.0344

■ 101.4510, 15.5537,
-88.9725

■ 243.0400, 5.8963,
-24.5911

■ 82.7520, 12.4473,
-72.5735

■ 252.3090, 1.3267,
-5.5330

■ 65.3410, 9.1989,
-57.3041

■ 48.0440, 6.3873,
-42.1346

■ 32.0350, 3.4337,

-28.0947

■ 15.0800, 1.9326,
-13.2252

■ 0.0000, 0.0000,
0.0000

■ 186.9140, 13.3534,
-83.2396

■ 186.9140, 13.3534,
-83.2396

■ 179.6950, 15.4334,
-97.0795

■ 194.1330, 11.2734,
-69.3996

■ 172.5900, 17.9501,
-111.0194


■ 201.2380, 8.7567,
-55.4597


■ 165.3710, 20.0301,
-124.8594


■ 208.4570, 6.6767,
-41.6198


■ 158.1520, 22.1101,
-138.6993

■ 215.6760, 4.5967,
-27.7799

 222.7810, 2.0800,
-13.8399

 230.0000, 0.0000,
0.0000

 237.2190, -2.0800,
13.8399

 238.0450, -1.5012,
14.8695

 238.3870, -0.1908,
14.5696

Harmonies

Analogous

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



195.3580, -10.0365, -47.6720



186.9140, 13.3534, -83.2396



181.1020, 34.9527, -104.4525

Triad

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



186.9140, 13.3534, -83.2396



211.0870, 21.6491, 9.5707



206.6700, -32.8683, 42.3854

Complementary

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



186.9140, 13.3534, -83.2396



135.0860, -13.3534, 83.2396

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.



203.2910, -17.8915, 45.3488



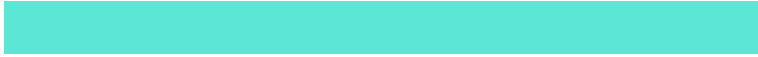
186.9140, 13.3534, -83.2396



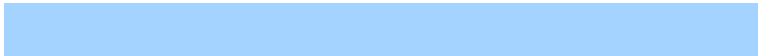
211.9550, 15.3052, 37.7505

Square

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



186.9140, 13.3534, -83.2396



201.9630, 26.1472, -33.2936



204.5740, -0.2830, 44.2236



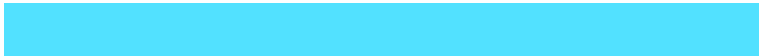
206.0880, -37.0184, 20.0938

Rectangle

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



186.9140, 13.3534, -83.2396



185.6630, 34.1831, -90.9125



204.5740, -0.2830, 44.2236



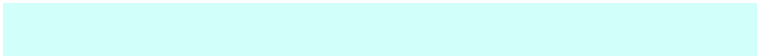
205.1200, -28.6532, 43.7448

Sweetspot

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



186.9140, 13.3534, -83.2396



240.6760, 4.5967, -27.7799



177.7900, -42.2945, -61.2058



118.8730, 2.5276, -17.4286



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.



186.9140, 13.3534, -83.2396



197.5900, 17.9501, -111.0194



157.6270, 35.6799, -57.5549



111.1840, 0.8953, -7.1774



123.0850, 17.2131, -107.9455



35.0670, 4.8970, -30.7538

Inverse Universe

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



135.0860, -13.3534, 83.2396



128.5240, -17.5133, 110.9195



164.3730, -35.6799, 57.5549



106.8160, -0.8953, 7.1774



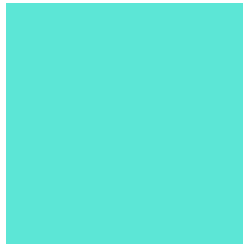
55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 186.9140, 13.3534, -83.2396 looks on a white background.

Color Contrast Check

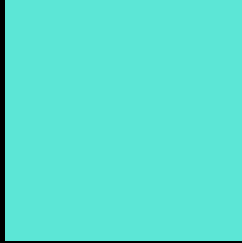
Large Text (above 18pt) WCAG AA × Fail

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 186.9140, 13.3534, -83.2396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

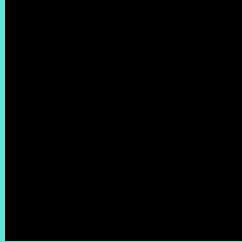
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

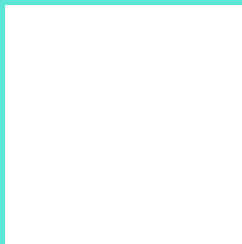
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.9140, 13.3534, -83.2396

Background



This preview shows how black text looks on a background with the YUV color 186.9140, 13.3534, -83.2396.



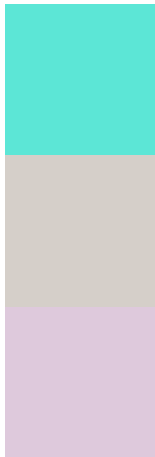
This preview shows how white text looks on a background with the YUV color 186.9140, 13.3534, -83.2396.

-83.2396.

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

186.9140, 13.3534, -83.2396

Protanopia

208.1100, -3.5052, 4.2885

Deuteranopia

209.4450, 5.2036, 11.0107



Tritanopia

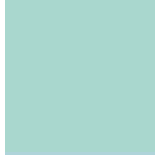
191.5740, 25.8460, -76.8024

Trichromacy



Original Color

186.9140, 13.3534, -83.2396



Protanomaly

200.2200, 2.8495, -27.3799



Deuteranomaly

201.6210, 8.0748, -23.3466



Tritanomaly

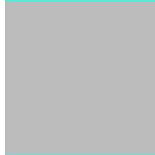
189.7110, 21.3415, -78.6765

Monochromacy



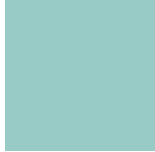
Original Color

186.9140, 13.3534, -83.2396



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0670, 4.8970, -30.7538

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9140, 13.3534, -83.2396 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(92, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 230, 214)  
}
```

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(92, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 230, 214) }
```

Border

The CSS property to change the border of an element to YUV 186.9140, 13.3534, -83.2396 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(92, 230, 214) }
```


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

```
.border{ border-color:rgb(92, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 230,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 186.9140, 13.3534, -83.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 230, 214) }
```

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

```
.background{ background-color: rgb(92, 230,  
214) }
```

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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