

Converting Colors

YUV(184.9250, 6.4460,
-107.8052)

Have a look what the booklet for
YUV(184.9250, 6.4460, -107.8052)
contains.

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Color

**YUV(184.9250, 6.4460,
-107.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	3EF5C6
RGB	62, 245, 198
RGB Percent	24%, 96%, 78%
CMY	0.7569, 0.0392, 0.2235
CMYK	0.75, 0.00, 0.19, 0.04
HSL	165°, 90%, 60%
HSV	165°, 75%, 96%
XYZ	44.8321, 70.4062, 64.6529
YIQ	184.9250, -93.9810, -53.4130

Conversions

Conversions Part 2

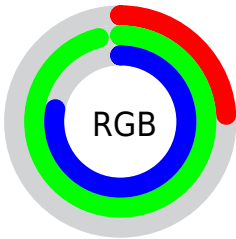
Format	Color
RYB	62, 167, 245
Decimal	4126150
CIELab	87.20, -55.60, 9.82
CIELCh	87, 56.457, 169.982
Yxy	70.4062, 0.2492, 0.3914
Android (android.graphics.Color)	4282316230 (0xFF3EF5C6)
YUV	184.9250, 6.4460, -107.8052
Hunter-Lab	83.9084, -51.4675, 13.0518

Details

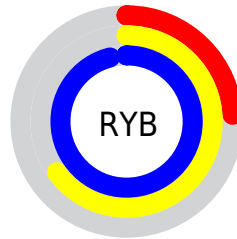
The YUV color **184.9250, 6.4460, -107.8052** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **122.0750, -6.4460, 107.8052**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1200, 17.6888, -73.7732**, and **126.7720, 8.4934, -111.1790** is the 20% darker color. If you saturate the color by 10%, you get **177.0650, 7.3630, -121.9600**, and if you desaturate by 10%, it is **193.0840, 5.3816, -93.0357**.

Distribution



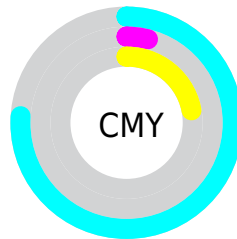
- Red (24%)
- Green (96%)
- Blue (78%)



- Red (24%)
- Yellow (65%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.9250, 6.4460, -107.8052 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 184.9250, 6.4460, -107.8052 by changing the saturation by 10% instead.

184.9250, 6.4460,
-107.8052

184.9250, 6.4460,
-107.8052

255.0000, 0.0000,
0.0000

146.2860, 12.1840,
-128.2928

219.1200, 17.6888,
-73.7732

126.7720, 8.4934,
-111.1790

228.6880, 12.9718,
-54.1004

107.4860, 5.6764,
-94.2652

238.2560, 8.2548,
-34.4275

88.7870, 2.5700,
-77.8662

247.5250, 3.6852,
-15.3694

70.2020, -0.0996,
-61.5672

53.0190, -2.4744,
-46.4977

35.9500, -4.4124,

-31.5282

■ 19.4850, -9.1131,
-17.0883

■ 0.0000, 0.0000,
0.0000

■ 184.9250, 6.4460,
-107.8052

■ 184.9250, 6.4460,
-107.8052

■ 177.0650, 7.3630,
-121.9600

■ 193.0840, 5.3816,
-93.0357

■ 168.7920, 7.9905,
-136.6296


■ 201.0580, 4.9014,
-78.9809


■ 164.5630, 8.5964,
-144.3218

■ 209.2170, 3.8370,
-64.2113


■ 217.0770, 2.9200,
-50.0565

 225.2360, 1.8557,
-35.2870

 233.2100, 1.3755,
-21.2322

 241.3690, 0.3111,
-6.4626

 248.3320, -0.1637,
5.8478

 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



202.7980, -27.5084, -43.6728



184.9250, 6.4460, -107.8052



173.2440, 39.3197, -151.9350

Triad

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



184.9250, 6.4460, -107.8052



211.2320, 21.5776, -14.2355



203.5070, -32.2950, 45.1594

Complementary

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



184.9250, 6.4460, -107.8052



122.0750, -6.4460, 107.8052

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.



200.6470, -7.7140, 47.6676



184.9250, 6.4460, -107.8052



217.4320, 18.5210, 32.9471

Square

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



184.9250, 6.4460, -107.8052



187.7120, 33.1730, -93.5864



206.8030, 15.8731, 42.2688



211.5820, -49.5869, 38.0776

Rectangle

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



184.9250, 6.4460, -107.8052



171.7110, 41.0615, -150.5905



206.8030, 15.8731, 42.2688



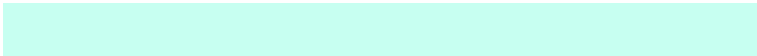
201.5810, -24.4434, 46.8485

Sweetspot

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



184.9250, 6.4460, -107.8052



236.6600, 2.1396, -33.0278



184.0720, -60.1815, -64.0841



116.8080, 1.0807, -20.0026



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.



184.9250, 6.4460, -107.8052



179.5040, 8.1325, -135.5000



165.0420, 39.4193, -90.3678



118.0700, 0.4585, -7.0774



124.9140, 6.4514, -109.5496



39.6490, 2.1450, -34.7722

Inverse Universe

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



122.0750, -6.4460, 107.8052



100.4960, -8.1325, 135.5000



141.9580, -39.4193, 90.3678



113.9300, -0.4585, 7.0774



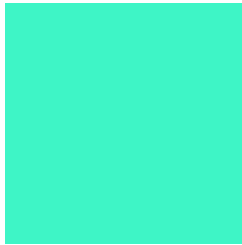
61.0860, -6.4514, 109.5496



19.3510, -2.1450, 34.7722

Previews

White Background



This preview shows how the YUV color 184.9250, 6.4460, -107.8052 looks on a white background.

Color Contrast Check

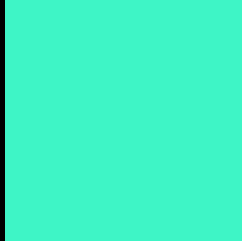
Large Text (above 18pt) WCAG AA × Fail

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 184.9250, 6.4460, -107.8052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

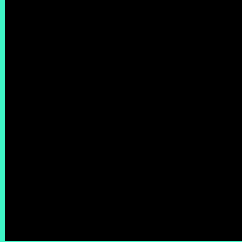
Any Text WCAG AA ✓ Pass

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 184.9250, 6.4460, -107.8052 Background



This preview shows how black text looks on a background with the YUV color 184.9250, 6.4460, -107.8052.



This preview shows how white text looks on a background with the YUV color 184.9250, 6.4460,

-107.8052.

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

184.9250, 6.4460, -107.8052

Protanopia

215.8260, -16.1832, 10.6766

Deuteranopia

218.2260, -6.0274, 19.9728



Tritanopia

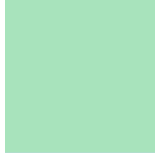
197.5020, 28.3465, -85.5093

Trichromacy



Original Color

184.9250, 6.4460, -107.8052



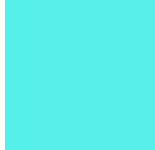
Protanomaly

204.9130, -8.3381, -32.3727



Deuteranomaly

206.0800, -1.5184, -26.3802



Tritanomaly

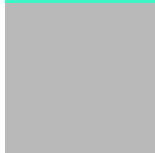
192.6830, 20.3693, -93.5610

Monochromacy



Original Color

184.9250, 6.4460, -107.8052



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.0290, 2.4507, -39.4904

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9250, 6.4460, -107.8052 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(62, 245, 198)` looks like.

```
.text, #text, p{  
    color:rgb(62, 245, 198)  
}
```

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(62, 245, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 245, 198) }
```

Border

The CSS property to change the border of an element to YUV 184.9250, 6.4460, -107.8052 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(62, 245, 198) }
```


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

```
.border{ border-color:rgb(62, 245, 198) }
```

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

Here you see how a box with a 4 pixel rgb(62, 245, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 245, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 245, 198);  
box-shadow:4px 4px 4px 4px rgb(62, 245,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 184.9250, 6.4460, -107.8052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 245, 198) }
```

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

```
.background{ background-color: rgb(62, 245,  
198) }
```

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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