

Converting Colors

YUV(184.4650, -9.1032,
-67.0598)

Have a look what the booklet for
YUV(184.4650, -9.1032, -67.0598)
contains.

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Color

**YUV(184.4650, -9.1032,
-67.0598)**

Conversions

Conversions Part 1

Format	Color
Hex	6CE3A6
RGB	108, 227, 166
RGB Percent	42%, 89%, 65%
CMY	0.5765, 0.1098, 0.3490
CMYK	0.52, 0.00, 0.27, 0.11
HSL	149°, 68%, 66%
HSV	149°, 52%, 89%
XYZ	40.5364, 60.8795, 45.6908
YIQ	184.4650, -51.3430, -44.1990

Conversions

Conversions Part 2

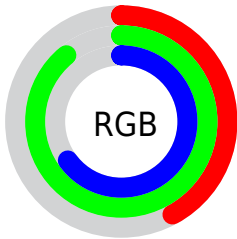
Format	Color
RYB	108, 188, 227
Decimal	7136166
CIELab	82.31, -47.41, 19.77
CIELCh	82, 51.364, 157.359
Yxy	60.8795, 0.2756, 0.4138
Android (android.graphics.Color)	4285326246 (0xFF6CE3A6)
YUV	184.4650, -9.1032, -67.0598
Hunter-Lab	78.0253, -43.8085, 19.8981

Details

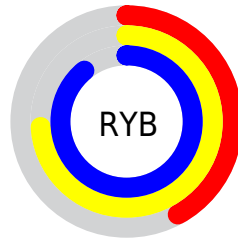
The YUV color **184.4650, -9.1032, -67.0598** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.5350, 9.1032, 67.0598**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5130, -1.7319, -51.3159**, and **126.5290, -6.1768, -72.3779** is the 20% darker color. If you saturate the color by 10%, you get **176.2200, -10.9545, -79.9999**, and if you desaturate by 10%, it is **192.7100, -7.2520, -54.1197**.

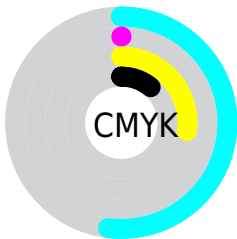
Distribution



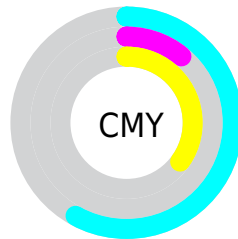
- Red (42%)
- Green (89%)
- Blue (65%)



- Red (42%)
- Yellow (74%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)




- Cyan (58%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.4650, -9.1032, -67.0598 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 184.4650, -9.1032, -67.0598 by changing the saturation by 10% instead.

 184.4650, -9.1032,
-67.0598

 184.4650, -9.1032,
-67.0598


255.0000, 0.0000,
0.0000

 156.0950, -7.9348,
-68.4893


 224.5130, -1.7319,
-51.3159


 126.5290, -6.1768,
-72.3779


 236.7890, 6.5130,
-35.7720

 94.6740, -2.7973,
-83.0291

 246.0300, 4.4222,
-18.4433

 76.0890, -5.4669,
-66.7301

 58.9060, -7.8417,
-51.6606

 41.7230, -10.2164,
-36.5911

 26.4150, -13.0226,

-23.1660

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 184.4650, -9.1032,
-67.0598

■ 184.4650, -9.1032,
-67.0598

■ 176.2200,
-10.9545, -79.9999

■ 192.7100, -7.2520,
-54.1197

■ 168.3880,
-12.5163, -92.4253


■ 200.5420, -5.6902,
-41.6943


■ 160.1430,
-14.3675, -105.3654


■ 208.7870, -3.8390,
-28.7542

■ 151.8980,
-16.2187, -118.3055

■ 217.0320, -1.9878,
-15.8141

 145.9030,
-17.2072, -127.9569

 225.1630, -0.5734,
-2.7740

 233.1090, 1.4253,
9.5514

 237.6520, 4.6086,
15.2142

 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



194.3450, -33.6941, -19.5966



184.4650, -9.1032, -67.0598



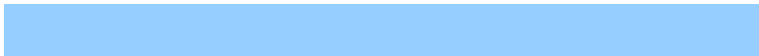
159.6340, 27.7884, -139.9990

Triad

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



184.4650, -9.1032, -67.0598



194.5430, 29.8053, -39.9412



194.7820, -22.5705, 52.8112

Complementary

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



184.4650, -9.1032, -67.0598



150.5350, 9.1032, 67.0598

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.



195.3300, -0.1627, 52.3306



184.4650, -9.1032, -67.0598



206.7010, 23.8114, 16.0482

Square

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



184.4650, -9.1032, -67.0598



158.2100, 47.7175, -138.7502



204.3240, 19.0673, 44.4429



200.4120, -41.6151, 47.8737

Rectangle

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



184.4650, -9.1032, -67.0598



162.6950, 42.0554, -142.6835



204.3240, 19.0673, 44.4429



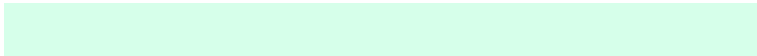
194.0300, -15.2978, 53.4707

Sweetspot

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



184.4650, -9.1032, -67.0598



240.3470, -3.1291, -23.1063



196.0920, -43.4294, -23.7597



119.0430, -1.9932, -14.0697



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.



184.4650, -9.1032, -67.0598



197.5130, -12.0849, -90.7809



191.1910, 16.6678, -72.9585



110.7280, -0.8519, -6.7775



114.9910, -13.7996, -100.8471



32.7870, -3.8390, -28.7542

Inverse Universe

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



150.5350, 9.1032, 67.0598



151.6010, 12.5217, 90.6809



143.8090, -16.6678, 72.9585



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 184.4650, -9.1032, -67.0598 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 184.4650, -9.1032, -67.0598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

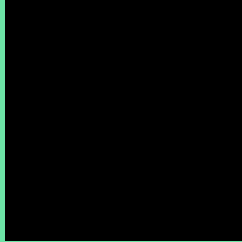
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.4650, -9.1032, -67.0598

Background



This preview shows how black text looks on a background with the YUV color 184.4650, -9.1032, -67.0598.



This preview shows how white text looks on a background with the YUV color 184.4650, -9.1032, -67.0598.

-67.0598.

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

184.4650, -9.1032, -67.0598

Protanopia

201.7140, -23.0300, 13.4058

Deuteranopia

204.7400, -15.6478, 25.6610



Tritanopia

192.8430, 21.2764, -57.7443

Trichromacy



Original Color

184.4650, -9.1032, -67.0598



Protanomaly

195.4930, -17.9910, -16.2184



Deuteranomaly

197.1010, -13.3608, -7.9816



Tritanomaly

189.6610, 10.5201, -61.0927

Monochromacy



Original Color

184.4650, -9.1032, -67.0598



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.2220, -3.5604, -24.7507

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.4650, -9.1032, -67.0598 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(108, 227, 166)` looks like.

```
.text, #text, p{  
    color:rgb(108, 227, 166)  
}
```

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(108, 227, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 227, 166) }
```

Border

The CSS property to change the border of an element to YUV 184.4650, -9.1032, -67.0598 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(108, 227, 166) }
```


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

```
.border{ border-color:rgb(108, 227, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 227, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 227, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 227, 166);  
box-shadow:4px 4px 4px 4px rgb(108, 227,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 184.4650, -9.1032, -67.0598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 227, 166) }
```

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

```
.background{ background-color: rgb(108,  
227, 166) }
```

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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