

Converting Colors

YUV(204.8330, -3.8617,
-68.2595)

Have a look what the booklet for
YUV(204.8330, -3.8617, -68.2595)
contains.

YUV(204.8330, -3.8617, -68.2595)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(204.8330, -3.8617,
-68.2595)**

Conversions

Conversions Part 1

Format	Color
Hex	7FF6C5
RGB	127, 246, 197
RGB Percent	50%, 96%, 77%
CMY	0.5020, 0.0353, 0.2275
CMYK	0.48, 0.00, 0.20, 0.04
HSL	155°, 87%, 73%
HSV	155°, 48%, 96%
XYZ	51.7862, 74.4548, 64.4651
YIQ	204.8330, -55.1950, -40.4670

Conversions

Conversions Part 2

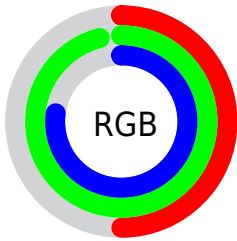
Format	Color
RYB	127, 202, 246
Decimal	8386245
CIELab	89.14, -44.80, 13.33
CIELCh	89, 46.741, 163.428
Yxy	74.4548, 0.2715, 0.3904
Android (android.graphics.Color)	4286576325 (0xFF7FF6C5)
YUV	204.8330, -3.8617, -68.2595
Hunter-Lab	86.2872, -43.8738, 16.1055

Details

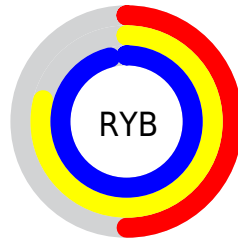
The YUV color **204.8330, -3.8617, -68.2595** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **168.1670, 3.8617, 68.2595**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.2550, 9.7343, -42.3196**, and **146.9790, -1.9616, -71.0186** is the 20% darker color. If you saturate the color by 10%, you get **196.2180, -4.5445, -82.6292**, and if you desaturate by 10%, it is **213.4480, -3.1789, -53.8899**.

Distribution



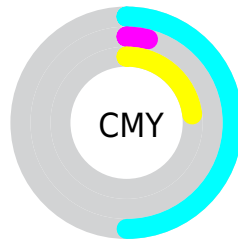
- Red (50%)
- Green (96%)
- Blue (77%)



- Red (50%)
- Yellow (79%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8330, -3.8617, -68.2595 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 204.8330, -3.8617, -68.2595 by changing the saturation by 10% instead.

 204.8330, -3.8617,
-68.2595

 204.8330, -3.8617,
-68.2595


255.0000, 0.0000,
0.0000


 175.7620, -2.8407,
-69.0743

 234.2550, 9.7343,
-42.3196


 146.9790, -1.9616,
-71.0186


 243.0400, 5.8963,
-24.5911

 116.0320, 0.9702,
-78.0811

 252.0100, 1.4741,
-6.1478

 89.8470, 1.5544,
-78.7958

 71.8490, -1.4046,
-63.0116

 54.0790, -3.4899,
-47.4273

 37.4830, -6.1541,

-32.8726

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 204.8330, -3.8617,
-68.2595

■ 204.8330, -3.8617,
-68.2595

■ 196.2180, -4.5445,
-82.6292

■ 213.4480, -3.1789,
-53.8899

■ 187.9020, -5.3747,
-96.3841

■ 221.7640, -2.3487,
-40.1350

■ 179.2870, -6.0575,
-110.7537

■ 230.3790, -1.6658,
-25.7654

■ 170.8570, -7.3245,
-124.4086

■ 238.8090, -0.3988,
-12.1105

■ 162.2420, -8.0073,
-138.7782

■ 247.4240, 0.2840,
2.2592

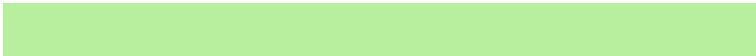
■ 160.9320, -7.8545,
-141.1374

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



213.3210, -27.2733, -25.7145



204.8330, -3.8617, -68.2595



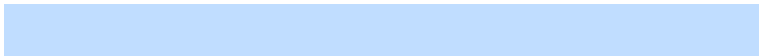
190.9190, 25.6759, -115.6930

Triad

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



204.8330, -3.8617, -68.2595



216.2050, 19.1259, -21.2278



211.2810, -22.8165, 38.3416

Complementary

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



204.8330, -3.8617, -68.2595



168.1670, 3.8617, 68.2595

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.



210.5580, -2.7401, 38.9756



204.8330, -3.8617, -68.2595



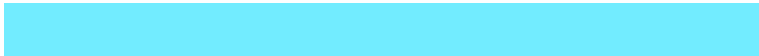
225.3510, 14.6170, 25.1252

Square

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



204.8330, -3.8617, -68.2595



201.6880, 26.2828, -76.9024



217.5630, 16.4844, 32.8322



217.1220, -38.5141, 33.2190

Rectangle

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



204.8330, -3.8617, -68.2595



177.3590, 38.2770, -144.1428



217.5630, 16.4844, 32.8322



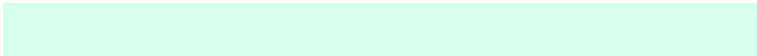
210.3010, -16.4174, 39.2010

Sweetspot

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



204.8330, -3.8617, -68.2595



241.8140, -1.3873, -21.7619



211.8030, -41.8079, -30.5222



119.9830, -0.9776, -13.1401



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.



204.8330, -3.8617, -68.2595



203.7940, -4.8284, -84.8883



204.5490, 20.4353, -68.0105



117.8420, -0.4151, -6.8774



121.7220, -5.7789, -106.7502



38.6230, -1.7861, -33.8724

Inverse Universe

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



168.1670, 3.8617, 68.2595



158.2060, 4.8284, 84.8883



168.4510, -20.4353, 68.0105



114.1580, 0.4151, 6.8774



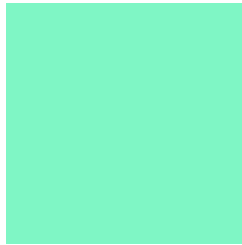
64.3920, 6.2157, 106.6502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 204.8330, -3.8617, -68.2595 looks on a white background.

Color Contrast Check

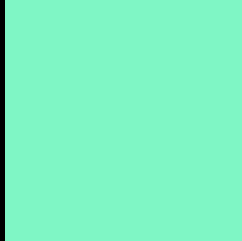
Large Text (above 18pt) WCAG AA × Fail

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 204.8330, -3.8617, -68.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

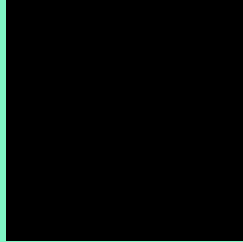
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.8330, -3.8617, -68.2595

Background



This preview shows how black text looks on a background with the YUV color 204.8330, -3.8617, -68.2595.



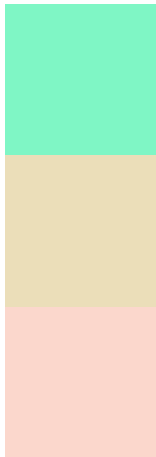
This preview shows how white text looks on a background with the YUV color 204.8330, -3.8617, -68.2595.

-68.2595.

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

204.8330, -3.8617, -68.2595

Protanopia

221.6690, -18.0778, 11.6913

Deuteranopia

224.5100, -10.1114, 23.2317



Tritanopia

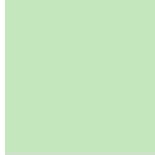
213.0390, 20.6868, -55.2852

Trichromacy



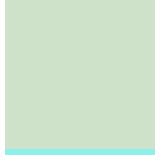
Original Color

204.8330, -3.8617, -68.2595



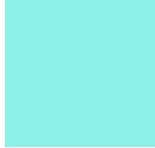
Protanomaly

215.7470, -13.1863, -17.3181



Deuteranomaly

217.1700, -7.9718, -9.7961



Tritanomaly

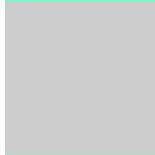
210.0140, 11.8251, -59.6483

Monochromacy



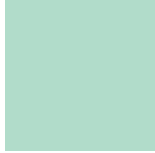
Original Color

204.8330, -3.8617, -68.2595



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.0910, -1.5239, -24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8330, -3.8617, -68.2595 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(127, 246, 197)` looks like.

```
.text, #text, p{  
    color:rgb(127, 246, 197)  
}
```

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(127, 246, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 246, 197) }
```

Border

The CSS property to change the border of an element to YUV 204.8330, -3.8617, -68.2595 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(127, 246, 197) }
```


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

```
.border{ border-color:rgb(127, 246, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 246, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 246, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 246, 197); box-shadow:4px 4px 4px 4px rgb(127, 246, 197) }
```

Background

The CSS property to change the background color of an element to YUV 204.8330, -3.8617, -68.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 246, 197) }
```

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

```
.background{ background-color: rgb(127,  
246, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor