

Converting Colors

YUV(204.7300, -4.3039,
-66.4152)

Have a look what the booklet for
YUV(204.7300, -4.3039, -66.4152)
contains.

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Color

**YUV(204.7300, -4.3039,
-66.4152)**

Conversions

Conversions Part 1

Format	Color
Hex	81F5C4
RGB	129, 245, 196
RGB Percent	51%, 96%, 77%
CMY	0.4941, 0.0392, 0.2314
CMYK	0.47, 0.00, 0.20, 0.04
HSL	155°, 85%, 73%
HSV	155°, 47%, 96%
XYZ	51.6695, 73.9575, 63.7765
YIQ	204.7300, -53.4070, -39.8310

Conversions

Conversions Part 2

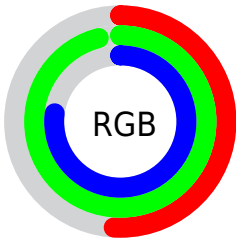
Format	Color
R_{YB}	129, 203, 245
Decimal	8517060
CIE _{Lab}	88.90, -44.09, 13.53
CIE _{LCh}	89, 46.123, 162.945
Yxy	73.9575, 0.2728, 0.3905
Android (android.graphics.Color)	4286707140 (0xFF81F5C4)
YUV	204.7300, -4.3039, -66.4152
Hunter-Lab	85.9985, -43.2514, 16.2295

Details

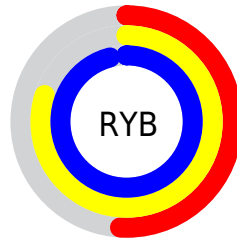
The YUV color **204.7300, -4.3039, -66.4152** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **169.2700, 4.3039, 66.4152**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4400, 9.1501, -41.6049**, and **147.1750, -2.5513, -68.5595** is the 20% darker color. If you saturate the color by 10%, you get **196.4140, -5.1341, -80.1701**, and if you desaturate by 10%, it is **213.3450, -3.6211, -52.0456**.

Distribution



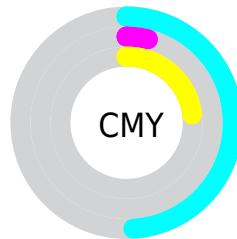
- Red (51%)
- Green (96%)
- Blue (77%)



- Red (51%)
- Yellow (80%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (49%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.7300, -4.3039, -66.4152 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 204.7300, -4.3039, -66.4152 by changing the saturation by 10% instead.

■ 204.7300, -4.3039,
-66.4152

■ 204.7300, -4.3039,
-66.4152

255.0000, 0.0000,
0.0000

■ 175.9580, -3.4303,
-66.6152

■ 234.4400, 9.1501,
-41.6049

■ 147.1750, -2.5513,
-68.5595

■ 243.6380, 5.6015,
-23.3615

■ 117.7120, -0.3510,
-74.2924

■ 252.6080, 1.1793,
-4.9182

■ 89.1460, 1.4070,
-78.1810

■ 71.1480, -1.5520,
-62.3968

■ 53.9650, -3.9267,
-47.3273

■ 36.8960, -5.8647,

-32.3578

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 204.7300, -4.3039,
-66.4152

■ 204.7300, -4.3039,
-66.4152

■ 196.4140, -5.1341,
-80.1701

■ 213.3450, -3.6211,
-52.0456

■ 187.6850, -6.2537,
-94.4397

■ 221.7750, -2.3541,
-38.3907

■ 179.0700, -6.9365,
-108.8094

■ 230.3900, -1.6713,
-24.0210


■ 170.7540, -7.7667,
-122.5643

■ 238.7060, -0.8411,
-10.2662

 162.0250, -8.8863,
-136.8339

 247.4350, 0.2785,
4.0035

 160.0030, -8.8755,
-140.3226

 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.



212.9190, -27.5681, -24.4850



204.7300, -4.3039, -66.4152



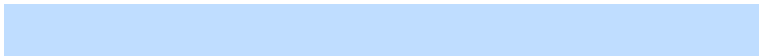
191.8980, 24.2073, -111.2895

Triad

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



204.7300, -4.3039, -66.4152



215.9060, 19.2733, -21.8426



210.6940, -22.5271, 38.8564

Complementary

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



204.7300, -4.3039, -66.4152



169.2700, 4.3039, 66.4152

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.



210.6720, -2.3033, 38.8757



204.7300, -4.3039, -66.4152



225.0520, 14.7644, 24.5104

Square

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



204.7300, -4.3039, -66.4152



201.4000, 26.4248, -75.7728



217.4490, 16.0476, 32.9322



216.5350, -38.2248, 33.7338

Rectangle

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



204.7300, -4.3039, -66.4152



181.2570, 36.3553, -134.4064



217.4490, 16.0476, 32.9322



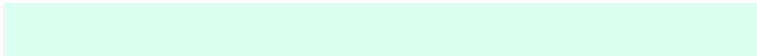
210.4150, -15.9806, 39.1010

Sweetspot

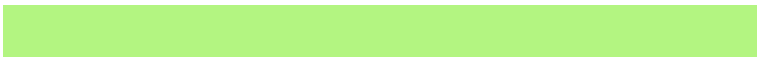
The Sweet Spot groups the original color and five complimentary colors.



204.7300, -4.3039, -66.4152



242.5260, -1.2453, -20.6323



212.0420, -40.9397, -28.9778



120.2820, -1.1250, -12.5253



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.



204.7300, -4.3039, -66.4152



204.6910, -5.2707, -83.0440



205.6200, 19.4143, -67.1957



117.8420, -0.4151, -6.8774



121.4940, -6.6525, -106.5502



38.5090, -2.2229, -33.7724

Inverse Universe

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



169.2700, 4.3039, 66.4152



160.3090, 5.2707, 83.0440



168.3800, -19.4143, 67.1957



114.1580, 0.4151, 6.8774



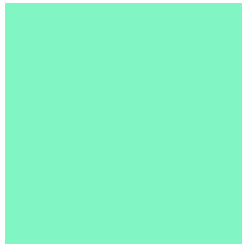
64.6200, 7.0893, 106.4503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 204.7300, -4.3039, -66.4152 looks on a white background.

Color Contrast Check

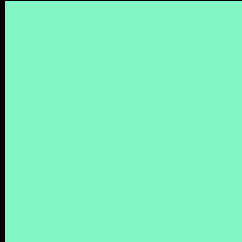
Large Text (above 18pt) WCAG AA × Fail

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 204.7300, -4.3039, -66.4152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

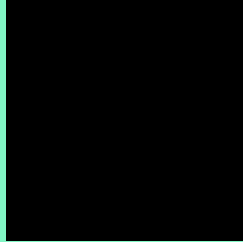
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.7300, -4.3039, -66.4152

Background



This preview shows how black text looks on a background with the YUV color 204.7300, -4.3039, -66.4152.



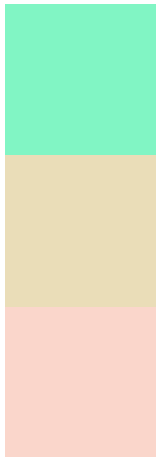
This preview shows how white text looks on a background with the YUV color 204.7300, -4.3039, -66.4152.

-66.4152.

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

204.7300, -4.3039, -66.4152

Protanopia

220.6690, -18.0778, 11.6913

Deuteranopia

223.5100, -10.1114, 23.2317



Tritanopia

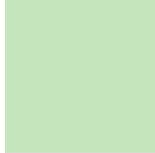
211.8540, 21.2710, -56.0000

Trichromacy



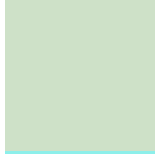
Original Color

204.7300, -4.3039, -66.4152



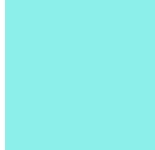
Protanomaly

215.0460, -13.3337, -16.7033



Deuteranomaly

216.4690, -8.1192, -9.1813



Tritanomaly

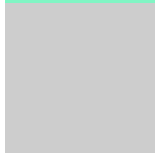
209.1280, 12.2619, -59.7483

Monochromacy



Original Color

204.7300, -4.3039, -66.4152



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 204.7300, -4.3039, -66.4152 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(129, 245, 196)` looks like.

```
.text, #text, p{  
    color:rgb(129, 245, 196)  
}
```

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(129, 245, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 245, 196) }
```

Border

The CSS property to change the border of an element to YUV 204.7300, -4.3039, -66.4152 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(129, 245, 196) }
```


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

```
.border{ border-color:rgb(129, 245, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 245, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 245, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 245, 196);  
box-shadow:4px 4px 4px 4px rgb(129, 245,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 204.7300, -4.3039, -66.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 245, 196) }
```

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

```
.background{ background-color: rgb(129,  
245, 196) }
```

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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