

Converting Colors

YUV(208.7050, 7.0474,
-67.2703)

Have a look what the booklet for
YUV(208.7050, 7.0474, -67.2703)
contains.

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Color

**YUV(208.7050, 7.0474,
-67.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	84F5DF
RGB	132, 245, 223
RGB Percent	52%, 96%, 87%
CMY	0.4824, 0.0392, 0.1255
CMYK	0.46, 0.00, 0.09, 0.04
HSL	168°, 85%, 74%
HSV	168°, 46%, 96%
XYZ	55.4874, 75.5381, 81.4678
YIQ	208.7050, -60.2860, -30.7980

Conversions

Conversions Part 2

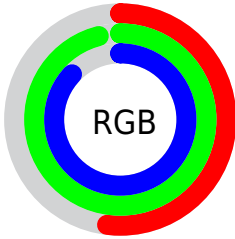
Format	Color
RYB	132, 195, 245
Decimal	8713695
CIELab	89.64, -37.48, 0.58
CIELCh	90, 37.485, 179.117
Yxy	75.5381, 0.2611, 0.3555
Android (android.graphics.Color)	4286903775 (0xFF84F5DF)
YUV	208.7050, 7.0474, -67.2703
Hunter-Lab	86.9126, -38.1378, 5.2632

Details

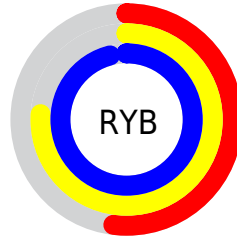
The YUV color $208.7050, 7.0474, -67.2703$ is a light color, and the websafe version is hex $66FFFF$. A complement of this color would be $168.2950, -7.0474, 67.2703$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8640, 9.4340, -39.3457$, and $151.0360, 8.3633, -69.3146$ is the 20% darker color. If you saturate the color by 10%, you get $200.9590, 8.4012, -81.5250$, and if you desaturate by 10%, it is $216.7500, 5.5463, -52.4007$.

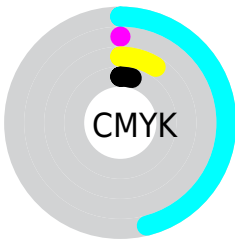
Distribution



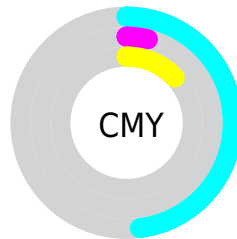
- Red (52%)
- Green (96%)
- Blue (87%)



- Red (52%)
- Yellow (76%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (48%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.7050, 7.0474, -67.2703 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 208.7050, 7.0474, -67.2703 by changing the saturation by 10% instead.

208.7050, 7.0474,
-67.2703

208.7050, 7.0474,
-67.2703

255.0000, 0.0000,
0.0000

179.8190, 7.4842,
-67.3703

235.8640, 9.4340,
-39.3457

151.0360, 8.3633,
-69.3146

244.5350, 5.1592,
-21.5172

121.4590, 10.1267,
-74.9475

253.5050, 0.7370,
-3.0739

91.8820, 11.8902,
-80.5805

73.7700, 8.4944,
-64.6963

56.4730, 5.6828,
-49.5268

39.8770, 3.0186,

-34.9721

■ 25.1560, -0.0769,
-22.0618

■ 0.0000, 0.0000,
0.0000

■ 208.7050, 7.0474,
-67.2703

■ 208.7050, 7.0474,
-67.2703

■ 200.9590, 8.4012,
-81.5250

■ 216.7500, 5.5463,
-52.4007

■ 192.9140, 9.9024,
-96.3946

■ 224.4960, 4.1925,
-38.1460

■ 185.2820, 11.6930,
-110.7493

■ 232.4270, 2.2545,
-23.1765

■ 177.2370, 13.1942,
-125.6188

■ 240.1730, 0.9007,
-8.9217

■ 169.4910, 14.5479,
-139.8736

■ 248.2180, -0.6005,
5.9478

■ 166.2730, 15.1484,
-145.8214

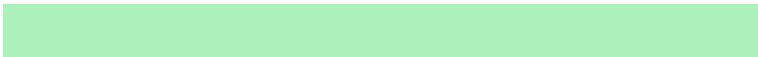
■ 248.7880, 1.5835,
5.4479

■ 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.



214.3270, -12.9792, -37.1208



208.7050, 7.0474, -67.2703



204.8890, 24.7047, -84.0947

Triad

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



208.7050, 7.0474, -67.2703



224.9200, 14.8294, 3.5782



218.9120, -26.5786, 31.6492

Complementary

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



208.7050, 7.0474, -67.2703



168.2950, -7.0474, 67.2703

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.



216.1200, -11.8912, 34.0978



208.7050, 7.0474, -67.2703



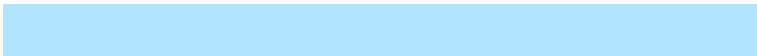
225.6500, 14.4696, 25.7400

Square

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



208.7050, 7.0474, -67.2703



216.4160, 19.0219, -34.5678



219.0500, 4.4124, 31.5282



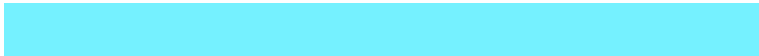
223.5060, -34.2665, 24.1122

Rectangle

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



208.7050, 7.0474, -67.2703



205.5200, 24.3936, -77.6320



219.0500, 4.4124, 31.5282



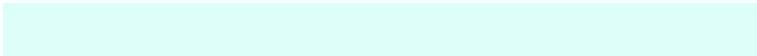
217.4760, -21.9267, 32.9085

Sweetspot

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



208.7050, 7.0474, -67.2703



243.4380, 2.2491, -21.4321



205.2080, -36.0915, -44.0324



120.8520, 1.0590, -13.0252



0.0000, 0.0000, 0.0000



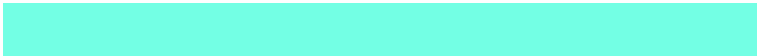
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



208.7050, 7.0474, -67.2703



210.0620, 8.8434, -83.3694



191.2550, 26.4963, -51.9666



118.1840, 0.8953, -7.1774



126.2820, 11.6930, -110.7493



39.9910, 3.4554, -35.0721

Inverse Universe

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



168.2950, -7.0474, 67.2703



159.9380, -8.8434, 83.3694



185.7450, -26.4963, 51.9666



113.9300, -0.4585, 7.0774



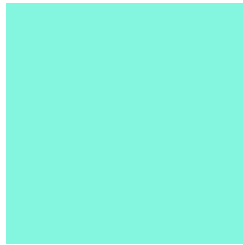
59.7180, -11.6930, 110.7493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 208.7050, 7.0474, -67.2703 looks on a white background.

Color Contrast Check

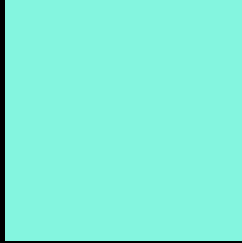
Large Text (above 18pt) WCAG AA × Fail

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 208.7050, 7.0474, -67.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

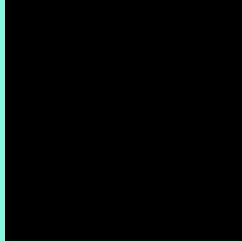
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.7050, 7.0474, -67.2703

Background



This preview shows how black text looks on a background with the YUV color 208.7050, 7.0474, -67.2703.



This preview shows how white text looks on a background with the YUV color 208.7050, 7.0474,

-67.2703.

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

208.7050, 7.0474, -67.2703

Protanopia

224.0240, -6.4208, 6.1180

Deuteranopia

226.1420, 1.4090, 14.7845



Tritanopia

215.4200, 19.5129, -52.1113

Trichromacy



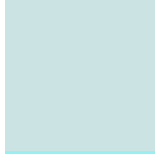
Original Color

208.7050, 7.0474, -67.2703



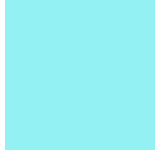
Protanomaly

218.4120, -1.6821, -20.5323



Deuteranomaly

219.8240, 3.5378, -14.7546



Tritanomaly

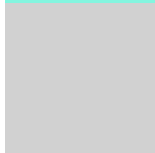
213.1220, 14.7299, -57.9890

Monochromacy



Original Color

208.7050, 7.0474, -67.2703



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.8290, 2.5493, -24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.7050, 7.0474, -67.2703 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(132, 245, 223)` looks like.

```
.text, #text, p{  
    color:rgb(132, 245, 223)  
}
```

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(132, 245, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 245, 223) }
```

Border

The CSS property to change the border of an element to YUV 208.7050, 7.0474, -67.2703 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(132, 245, 223) }
```


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

```
.border{ border-color:rgb(132, 245, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 245, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 245, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 245, 223); box-shadow:4px 4px 4px 4px rgb(132, 245, 223) }
```

Background

The CSS property to change the background color of an element to YUV 208.7050, 7.0474, -67.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 245, 223) }
```

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

```
.background{ background-color: rgb(132,  
245, 223) }
```

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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