

Converting Colors

YUV(208.2770, 2.8214,
-65.1409)

Have a look what the booklet for
YUV(208.2770, 2.8214, -65.1409)
contains.

YUV(208.2770, 2.8214, -65.1409)	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(208.2770, 2.8214,
-65.1409)**

Conversions

Conversions Part 1

Format	Color
Hex	86F5D6
RGB	134, 245, 214
RGB Percent	53%, 96%, 84%
CMY	0.4745, 0.0392, 0.1608
CMYK	0.45, 0.00, 0.13, 0.04
HSL	163°, 85%, 74%
HSV	163°, 45%, 96%
XYZ	54.6215, 75.2282, 75.2600
YIQ	208.2770, -56.2050, -33.1730

Conversions

Conversions Part 2

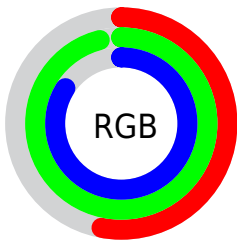
Format	Color
RYB	134, 199, 245
Decimal	8844758
CIELab	89.50, -39.04, 5.06
CIELCh	89, 39.369, 172.612
Yxy	75.2282, 0.2663, 0.3668
Android (android.graphics.Color)	4287034838 (0xFF86F5D6)
YUV	208.2770, 2.8214, -65.1409
Hunter-Lab	86.7342, -39.3731, 9.2675

Details

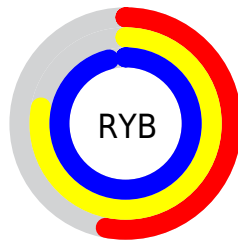
The YUV color $208.2770, 2.8214, -65.1409$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $170.7230, -2.8214, 65.1409$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.1630, 9.2866, -38.7310$, and $150.9070, 3.9898, -66.5704$ is the 20% darker color. If you saturate the color by 10%, you get $200.3030, 3.3016, -79.1957$, and if you desaturate by 10%, it is $216.5500, 2.1938, -50.4714$.

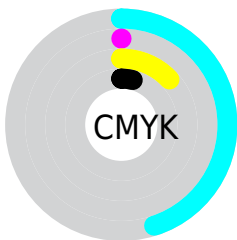
Distribution



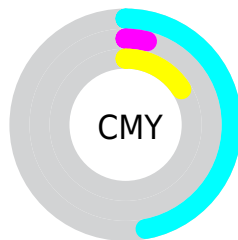
- Red (53%)
- Green (96%)
- Blue (84%)



- Red (53%)
- Yellow (78%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 208.2770, 2.8214, -65.1409 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 208.2770, 2.8214, -65.1409 by changing the saturation by 10% instead.

 208.2770, 2.8214,
-65.1409


 208.2770, 2.8214,
-65.1409

255.0000, 0.0000,
0.0000


 179.3910, 3.2582,
-65.2409


 236.1630, 9.2866,
-38.7310

 150.9070, 3.9898,
-66.5704


 245.1330, 4.8644,
-20.2876

 121.9280, 5.4585,
-70.9739

 254.1030, 0.4422,
-1.8443

 90.9700, 8.3958,
-79.7807

 72.9720, 5.4368,
-63.9964

 55.6750, 2.6252,
-48.8270

 39.0790, -0.0389,

-34.2723

■ 24.3580, -3.1345,
-21.3620

■ 0.0000, 0.0000,
0.0000

■ 208.2770, 2.8214,
-65.1409

■ 208.2770, 2.8214,
-65.1409

■ 200.3030, 3.3016,
-79.1957

■ 216.5500, 2.1938,
-50.4714

■ 192.0300, 3.9292,
-93.8653

■ 224.5240, 1.7137,
-36.4165

■ 183.7570, 4.5568,
-108.5349

■ 232.7970, 1.0861,
-21.7470

■ 175.8970, 5.4738,
-122.6897

■ 240.6570, 0.1691,
-7.5922

■ 167.9230, 5.9540,
-136.7445

■ 248.3320, -0.1637,
5.8478

■ 163.9930, 6.4125,
-143.8219

■ 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.



214.3940, -17.9422, -31.9175



208.2770, 2.8214, -65.1409



202.8560, 24.7210, -89.3277

Triad

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



208.2770, 2.8214, -65.1409



222.5060, 16.0195, -4.8288



216.7920, -24.5475, 33.5084

Complementary

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



208.2770, 2.8214, -65.1409



170.7230, -2.8214, 65.1409

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.



215.0430, -8.4022, 35.0423



208.2770, 2.8214, -65.1409



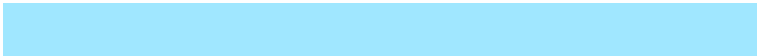
226.2370, 14.1802, 25.2252

Square

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



208.2770, 2.8214, -65.1409



212.5070, 20.9490, -46.0486



218.7880, 8.4855, 31.7579



221.8980, -35.4457, 29.0305

Rectangle

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



208.2770, 2.8214, -65.1409



201.9100, 26.1734, -88.4981



218.7880, 8.4855, 31.7579



215.4700, -19.4587, 34.6678

Sweetspot

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



208.2770, 2.8214, -65.1409



243.0960, 0.9387, -21.1322



208.4260, -36.6920, -38.0846



120.6240, 0.1854, -12.8252



0.0000, 0.0000, 0.0000



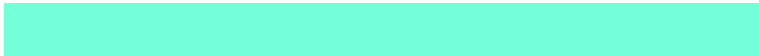
128.0000, 0.0000, 0.0000

Same Dimension

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



208.2770, 2.8214, -65.1409



209.4060, 3.7438, -81.0401



197.7230, 23.3076, -55.8851



118.0700, 0.4585, -7.0774



124.4580, 4.7042, -109.1497



39.4210, 1.2714, -34.5722

Inverse Universe

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



170.7230, -2.8214, 65.1409



162.7080, -3.3070, 80.9401



181.2770, -23.3076, 55.8851



114.0440, -0.0217, 6.9774



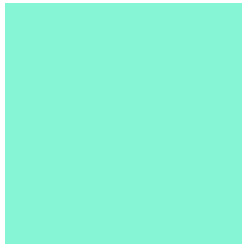
61.5420, -4.7042, 109.1497



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 208.2770, 2.8214, -65.1409 looks on a white background.

Color Contrast Check

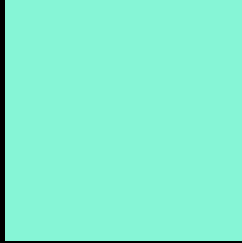
Large Text (above 18pt) WCAG AA × Fail

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 208.2770, 2.8214, -65.1409 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

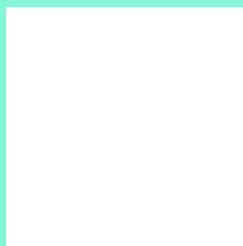
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.2770, 2.8214, -65.1409

Background



This preview shows how black text looks on a background with the YUV color 208.2770, 2.8214, -65.1409.



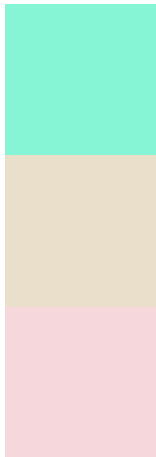
This preview shows how white text looks on a background with the YUV color 208.2770, 2.8214,

-65.1409.

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

208.2770, 2.8214, -65.1409

Protanopia

223.5960, -10.6468, 8.2473

Deuteranopia

225.4260, -2.6750, 18.0434



Tritanopia

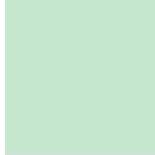
214.5340, 19.9497, -52.2113

Trichromacy



Original Color

208.2770, 2.8214, -65.1409



Protanomaly

217.9840, -5.9081, -18.4030



Deuteranomaly

219.3960, -0.6882, -12.6253



Tritanomaly

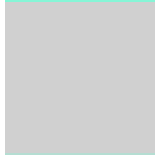
212.1930, 13.7089, -57.1743

Monochromacy



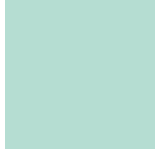
Original Color

208.2770, 2.8214, -65.1409



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

207.7860, 1.0915, -23.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.2770, 2.8214, -65.1409 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(134, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(134, 245, 214)  
}
```

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(134, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 245, 214) }
```

Border

The CSS property to change the border of an element to YUV 208.2770, 2.8214, -65.1409 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(134, 245, 214) }
```


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

```
.border{ border-color:rgb(134, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(134, 245,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 208.2770, 2.8214, -65.1409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 245, 214) }
```

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

```
.background{ background-color: rgb(134,  
245, 214) }
```

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