

Converting Colors

YUV(208.1240, -8.4421,
-45.7127)

Have a look what the booklet for
YUV(208.1240, -8.4421, -45.7127)
contains.

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Color

**YUV(208.1240, -8.4421,
-45.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	9CEEBF
RGB	156, 238, 191
RGB Percent	61%, 93%, 75%
CMY	0.3882, 0.0667, 0.2510
CMYK	0.34, 0.00, 0.20, 0.07
HSL	146°, 71%, 77%
HSV	146°, 34%, 93%
XYZ	53.6888, 71.9786, 60.3538
YIQ	208.1240, -33.7850, -32.0010

Conversions

Conversions Part 2

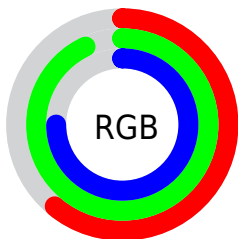
Format	Color
RYB	156, 213, 238
Decimal	10284735
CIELab	87.96, -34.78, 14.95
CIELCh	88, 37.854, 156.741
Yxy	71.9786, 0.2886, 0.3869
Android (android.graphics.Color)	4288474815 (0xFF9CEEBF)
YUV	208.1240, -8.4421, -45.7127
Hunter-Lab	84.8402, -35.5115, 17.2103

Details

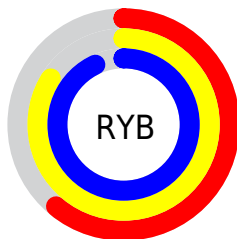
The YUV color **208.1240, -8.4421, -45.7127** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **185.8760, 8.4421, 45.7127**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5300, 2.6967, -25.0208**, and **152.6510, -7.7159, -45.2979** is the 20% darker color. If you saturate the color by 10%, you get **199.3520, -11.0195, -59.0677**, and if you desaturate by 10%, it is **216.8960, -5.8647, -32.3578**.

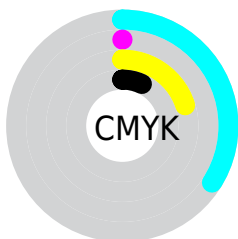
Distribution



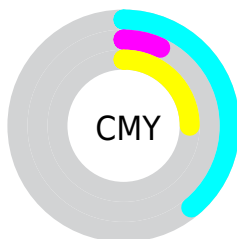
- Red (61%)
- Green (93%)
- Blue (75%)



- Red (61%)
- Yellow (84%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)




- Cyan (39%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 208.1240, -8.4421, -45.7127 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 208.1240, -8.4421, -45.7127 by changing the saturation by 10% instead.


 208.1240, -8.4421,
-45.7127


 208.1240, -8.4421,
-45.7127


255.0000, 0.0000,
0.0000


 179.6510, -7.7159,
-45.2979


 241.5300, 2.6967,
-25.0208


 152.6510, -7.7159,
-45.2979

 251.1130, 1.9163,
-7.9921

 125.2920, -6.5530,
-44.9831

 99.1070, -5.9688,
-45.6978

 71.3450, -3.6211,
-52.0456

 50.5740, -4.2270,
-44.3534

 34.0920, -6.4544,

-29.8987

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 208.1240, -8.4421,
-45.7127

■ 208.1240, -8.4421,
-45.7127

■ 199.3520,
-11.0195, -59.0677

■ 216.8960, -5.8647,
-32.3578

■ 190.6940,
-13.1601, -72.5226

■ 225.5540, -3.7241,
-18.9029

■ 182.2210,
-15.8850, -85.2628

■ 234.0270, -0.9993,
-6.1627

■ 173.4490,
-18.4624, -98.6178

■ 242.7990, 1.5781,
7.1923

■ 164.7910,
-20.6030, -112.0727

■ 245.0210, 4.9196,
8.7516

■ 156.0190,
-23.1804, -125.4277

■ 151.3340,
-24.3217, -132.7199

Harmonies

Analogous

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



213.2670, -25.2746, -13.3892



208.1240, -8.4421, -45.7127



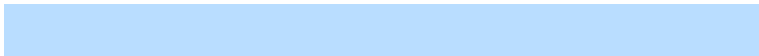
202.4420, 12.6001, -74.9326

Triad

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



208.1240, -8.4421, -45.7127



214.1120, 20.1578, -25.5312



212.8770, -16.7014, 36.9419

Complementary

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



208.1240, -8.4421, -45.7127



185.8760, 8.4421, 45.7127

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.



213.9320, 0.0335, 36.0166



208.1240, -8.4421, -45.7127



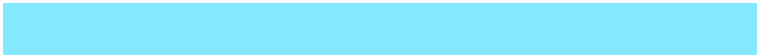
221.7300, 16.4021, 12.5148

Square

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



208.1240, -8.4421, -45.7127



204.7220, 24.7871, -63.7772



220.9710, 14.3113, 29.8434



216.5980, -30.3678, 33.6786

Rectangle

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



208.1240, -8.4421, -45.7127



200.1060, 25.5837, -86.0390



220.9710, 14.3113, 29.8434



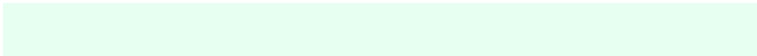
212.9570, -11.3178, 36.8717

Sweetspot

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



208.1240, -8.4421, -45.7127



245.8150, -2.8668, -13.8698



218.4860, -30.8056, -12.7042



122.1900, -1.5727, -8.9366



0.0000, 0.0000, 0.0000



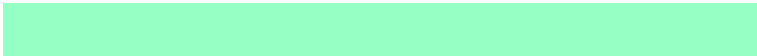
128.0000, 0.0000, 0.0000

Same Dimension

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



208.1240, -8.4421, -45.7127



216.7650, -10.7301, -58.5529



212.6840, 9.0298, -49.7119



115.6140, -1.2887, -6.6775



116.9000, -19.1777, -102.5213



35.6080, -5.7227, -31.2282

Inverse Universe

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



185.8760, 8.4421, 45.7127



188.2350, 10.7301, 58.5529



181.3160, -9.0298, 49.7119



112.3860, 1.2887, 6.6775



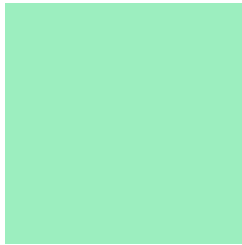
66.9860, 18.7409, 102.6213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 208.1240, -8.4421, -45.7127 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 208.1240, -8.4421, -45.7127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

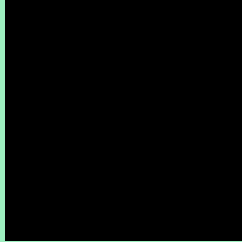
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.1240, -8.4421, -45.7127

Background



This preview shows how black text looks on a background with the YUV color 208.1240, -8.4421, -45.7127.



This preview shows how white text looks on a background with the YUV color 208.1240, -8.4421, -45.7127.

-45.7127.

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

208.1240, -8.4421, -45.7127

Protanopia

218.6690, -18.0778, 11.6913

Deuteranopia

221.3530, -12.0060, 24.2464



Tritanopia

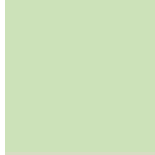
213.6280, 17.4384, -40.0158

Trichromacy



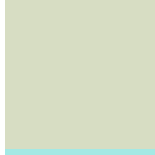
Original Color

208.1240, -8.4421, -45.7127



Protanomaly

214.7480, -14.6658, -9.4260



Deuteranomaly

216.2420, -10.4723, -1.0892



Tritanomaly

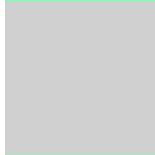
211.7990, 7.9871, -41.9197

Monochromacy



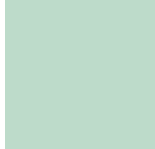
Original Color

208.1240, -8.4421, -45.7127



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.0920, -3.0034, -16.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1240, -8.4421, -45.7127 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(156, 238, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 238, 191)  
}
```

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(156, 238, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 238, 191) }
```

Border

The CSS property to change the border of an element to YUV 208.1240, -8.4421, -45.7127 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(156, 238, 191) }
```


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

```
.border{ border-color:rgb(156, 238, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 238, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 238, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 238, 191);  
box-shadow:4px 4px 4px 4px rgb(156, 238,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 208.1240, -8.4421, -45.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 238, 191) }
```

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

```
.background{ background-color: rgb(156,  
238, 191) }
```

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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