

Converting Colors

YUV(213.2280, -9.4794,
-39.6650)

Have a look what the booklet for
YUV(213.2280, -9.4794, -39.6650)
contains.

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Color

**YUV(213.2280, -9.4794,
-39.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F0C2
RGB	168, 240, 194
RGB Percent	66%, 94%, 76%
CMY	0.3412, 0.0588, 0.2392
CMYK	0.30, 0.00, 0.19, 0.06
HSL	142°, 71%, 80%
HSV	142°, 30%, 94%
XYZ	57.0461, 74.5400, 62.4200
YIQ	213.2280, -28.1460, -29.5700

Conversions

Conversions Part 2

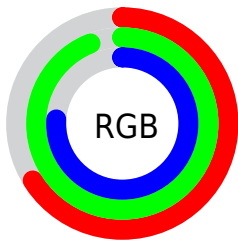
Format	Color
RYB	168, 221, 240
Decimal	11071682
CIELab	89.18, -31.59, 15.20
CIElCh	89, 35.054, 154.310
Yxy	74.5400, 0.2940, 0.3842
Android (android.graphics.Color)	4289261762 (0xFFA8F0C2)
YUV	213.2280, -9.4794, -39.6650
Hunter-Lab	86.3366, -33.1467, 17.5699

Details

The YUV color **213.2280, -9.4794, -39.6650** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **194.7720, 9.4794, 39.6650**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5740, 2.6750, -18.0434**, and **158.0540, -8.9006, -38.6354** is the 20% darker color. If you saturate the color by 10%, you get **204.3420, -12.4936, -52.9199**, and if you desaturate by 10%, it is **222.1140, -6.4652, -26.4100**.

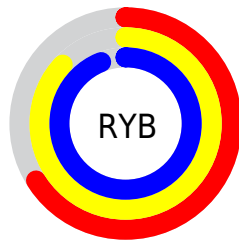
Distribution



Red (66%)

Green (94%)

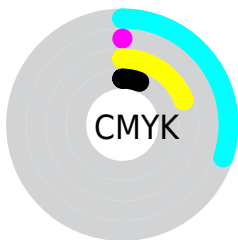
Blue (76%)



Red (66%)

Yellow (87%)

Blue (94%)

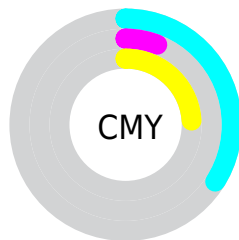


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (6%)



Cyan (34%)

Magenta (6%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2280, -9.4794, -39.6650 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 213.2280, -9.4794, -39.6650 by changing the saturation by 10% instead.

 213.2280, -9.4794,
-39.6650


 213.2280, -9.4794,
-39.6650

255.0000, 0.0000,
0.0000

 185.0540, -8.9006,
-38.6354


 245.5740, 2.6750,
-18.0434


 158.0540, -8.9006,
-38.6354

 254.7010, 0.1474,
-0.6148

 130.6950, -7.7376,
-38.3205

 104.8090, -7.3008,
-38.4205

 79.3250, -6.5692,
-39.7500

 51.9760, -3.9322,
-45.5830

 35.4940, -6.1595,

-31.1282

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 213.2280, -9.4794,
-39.6650

■ 213.2280, -9.4794,
-39.6650

■ 204.3420,
-12.4936, -52.9199

■ 222.1140, -6.4652,
-26.4100

■ 195.3420,
-15.9446, -66.0749

■ 231.1140, -3.0142,
-13.2550

■ 186.4560,
-18.9588, -79.3299

■ 240.0000, 0.0000,
0.0000

■ 177.5700,
-21.9730, -92.5849

■ 246.1950, 4.3409,
7.7220

■ 168.5700,
-25.4240, -105.7399

■ 159.6840,
-28.4382, -118.9949

■ 150.7980,
-31.4524, -132.2498

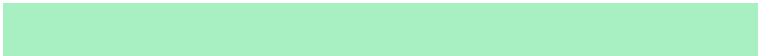
Harmonies

Analogous

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



217.8160, -24.5593, -9.4856



213.2280, -9.4794, -39.6650



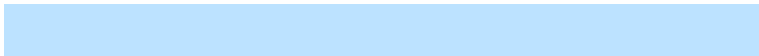
208.4000, 9.6628, -66.1258

Triad

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



213.2280, -9.4794, -39.6650



217.9440, 18.2686, -26.2609



216.8380, -14.2171, 33.4681

Complementary

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



213.2280, -9.4794, -39.6650



194.7720, 9.4794, 39.6650

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.



218.1380, 0.9180, 32.3280



213.2280, -9.4794, -39.6650



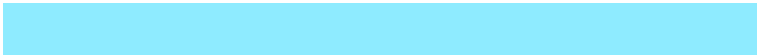
224.9530, 14.8132, 8.8112

Square

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



213.2280, -9.4794, -39.6650



209.4730, 22.4448, -59.1738



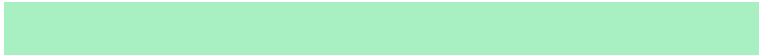
224.9490, 14.3221, 26.3547



219.4990, -26.8680, 31.1344

Rectangle

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



213.2280, -9.4794, -39.6650



206.4340, 21.4780, -75.8026



224.9490, 14.3221, 26.3547



216.8040, -9.2704, 33.4979

Sweetspot

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



213.2280, -9.4794, -39.6650



246.4130, -3.1616, -12.6402



224.3170, -27.7643, -8.1710



122.4890, -1.7201, -8.3219



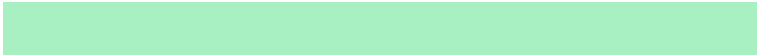
0.0000, 0.0000, 0.0000



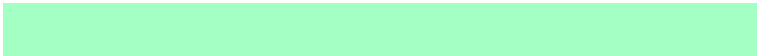
128.0000, 0.0000, 0.0000

Same Dimension

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



213.2280, -9.4794, -39.6650



220.7660, -12.2096, -50.6608



217.2180, 5.8085, -43.1642



115.5000, -1.7255, -6.5775



115.5320, -24.4193, -101.3216



35.1520, -7.4699, -30.8283

Inverse Universe

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



194.7720, 9.4794, 39.6650



197.2340, 12.2096, 50.6608



190.7820, -5.8085, 43.1642



112.5000, 1.7255, 6.5775



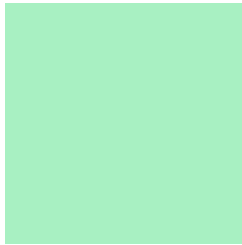
68.3540, 23.9825, 101.4215



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 213.2280, -9.4794, -39.6650 looks on a white background.

Color Contrast Check

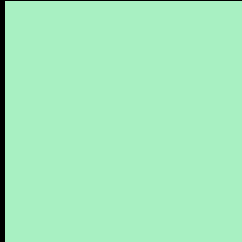
Large Text (above 18pt) WCAG AA × Fail

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 213.2280, -9.4794, -39.6650 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

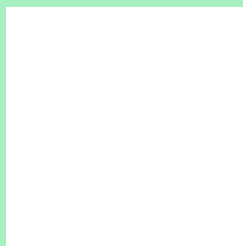
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.2280, -9.4794, -39.6650

Background



This preview shows how black text looks on a background with the YUV color 213.2280, -9.4794, -39.6650.



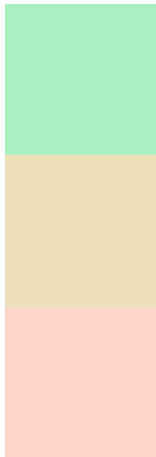
This preview shows how white text looks on a background with the YUV color 213.2280, -9.4794, -39.6650.

-39.6650.

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

213.2280, -9.4794, -39.6650

Protanopia

222.5550, -18.5146, 11.7913

Deuteranopia

224.5380, -12.5902, 24.9612



Tritanopia

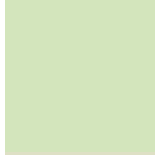
218.3190, 16.1117, -34.4828

Trichromacy



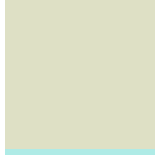
Original Color

213.2280, -9.4794, -39.6650



Protanomaly

218.9440, -15.2554, -6.9669



Deuteranomaly

220.3240, -11.4987, 1.4699



Tritanomaly

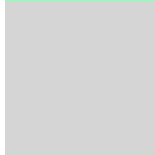
216.4900, 6.6604, -36.3867

Monochromacy



Original Color

213.2280, -9.4794, -39.6650



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.2880, -3.5930, -14.2846

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2280, -9.4794, -39.6650 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(168, 240, 194)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 194)  
}
```

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(168, 240, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 194) }
```

Border

The CSS property to change the border of an element to YUV 213.2280, -9.4794, -39.6650 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(168, 240, 194) }
```


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

```
.border{ border-color:rgb(168, 240, 194) }
```

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

Here you see how a box with a 4 pixel rgb(168, 240, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 194);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 213.2280, -9.4794, -39.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 194) }
```

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

```
.background{ background-color: rgb(168,  
240, 194) }
```

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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