

Converting Colors

YUV(218.8200, 9.4557,
-46.3231)

Have a look what the booklet for
YUV(218.8200, 9.4557, -46.3231)
contains.

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Color

**YUV(218.8200, 9.4557,
-46.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F2EE
RGB	166, 242, 238
RGB Percent	65%, 95%, 93%
CMY	0.3490, 0.0510, 0.0667
CMYK	0.31, 0.00, 0.02, 0.05
HSL	177°, 75%, 80%
HSV	177°, 31%, 95%
XYZ	62.9106, 77.7843, 92.5871
YIQ	218.8200, -44.0120, -17.3560

Conversions

Conversions Part 2

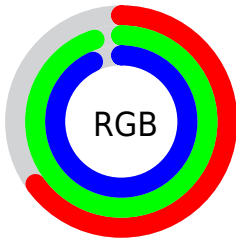
Format	Color
R _Y B	166, 205, 242
Decimal	10941166
CIE Lab	90.68, -24.09, -5.55
CIE LCh	91, 24.719, 192.963
Yxy	77.7843, 0.2697, 0.3334
Android (android.graphics.Color)	4289131246 (0xFFA6F2EE)
YUV	218.8200, 9.4557, -46.3231
Hunter-Lab	88.1954, -27.0162, -0.5055

Details

The YUV color $218.8200, 9.4557, -46.3231$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $189.1800, -9.4557, 46.3231$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $163.1190, 9.3083, -45.7084$ is the 20% darker color. If you saturate the color by 10%, you get $211.5300, 12.5567, -60.9778$, and if you desaturate by 10%, it is $226.1100, 6.3548, -31.6685$.

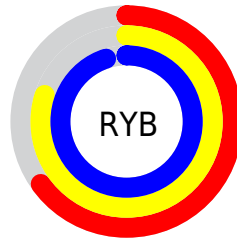
Distribution



Red (65%)

Green (95%)

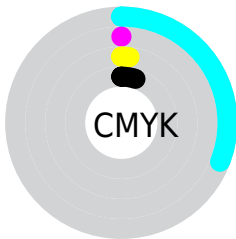
Blue (93%)



Red (65%)

Yellow (80%)

Blue (95%)

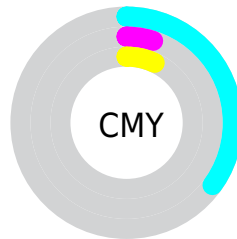


Cyan (31%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8200, 9.4557, -46.3231 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 218.8200, 9.4557, -46.3231 by changing the saturation by 10% instead.

218.8200, 9.4557,
-46.3231

218.8200, 9.4557,
-46.3231

255.0000, 0.0000,
0.0000

190.8200, 9.4557,
-46.3231

245.4320, 4.7170,
-19.6729

163.1190, 9.3083,
-45.7084

254.4020, 0.2948,
-1.2296

136.1190, 9.3083,
-45.7084

108.9340, 9.8925,
-46.4231

81.8410, 10.9244,
-50.7266

57.2540, 11.2138,
-50.2118

41.1310, 7.8234,

-36.0719

■ 25.8230, 5.0173,
-22.6468

■ 4.6450, 5.1050,
-4.0737

■ 218.8200, 9.4557,
-46.3231

■ 218.8200, 9.4557,
-46.3231

■ 211.5300, 12.5567,
-60.9778

■ 226.1100, 6.3548,
-31.6685

■ 204.1260, 15.2209,
-75.5325

■ 233.5140, 3.6906,
-17.1138

■ 196.5370, 18.4693,
-90.8019

■ 241.1030, 0.4422,
-1.8443

■ 189.2470, 21.5702,
-105.4566

■ 246.0010, -1.4795,
7.8921

■ 181.9570, 24.6712,
-120.1113

■ 246.1150, -1.0427,
7.7921

■ 174.5530, 27.3354,
-134.6660

■ 246.3430, -0.1691,
7.5922

■ 168.1600, 29.9941,
-147.4763

■ 246.4570, 0.2677,
7.4922

■ 246.5710, 0.7045,
7.3922

■ 246.6850, 1.1413,
7.2923

Harmonies

Analogous

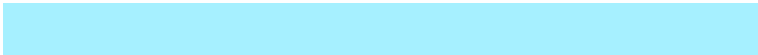
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.5800, -3.2439, -32.9577



218.8200, 9.4557, -46.3231



219.5840, 17.4601, -46.9932

Triad

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



218.8200, 9.4557, -46.3231



230.8780, 11.8921, 12.3850



227.5350, -21.4628, 24.0868

Complementary

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



218.8200, 9.4557, -46.3231



189.1800, -9.4557, 46.3231

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.



224.9080, -13.7586, 26.3907



218.8200, 9.4557, -46.3231



228.9780, 6.9128, 22.8213

Square

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



218.8200, 9.4557, -46.3231



226.6040, 13.9992, -10.1767



225.6550, -3.2809, 25.7356



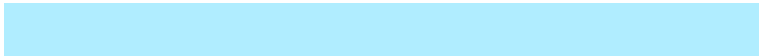
226.3220, -21.8507, 8.4876

Rectangle

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



218.8200, 9.4557, -46.3231



220.8130, 16.8542, -39.3010



225.6550, -3.2809, 25.7356



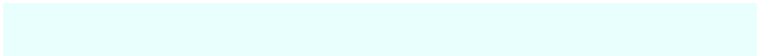
226.7030, -19.5736, 24.8165

Sweetspot

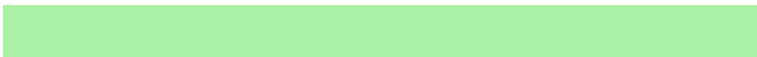
The Sweet Spot groups the original color and five complimentary colors.



218.8200, 9.4557, -46.3231



248.0090, 2.9536, -14.0399



212.1070, -22.7308, -36.0508



123.4010, 1.7743, -9.1217



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.



218.8200, 9.4557, -46.3231



225.4270, 12.1145, -59.1335



199.9050, 20.7528, -29.7347



116.2980, 1.3321, -7.2773



127.8440, 22.7549, -112.1192



38.9140, 6.9444, -34.1276

Inverse Universe

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



189.1800, -9.4557, 46.3231



187.5730, -12.1145, 59.1335



208.0950, -20.7528, 29.7347



111.5880, -1.7689, 7.3773



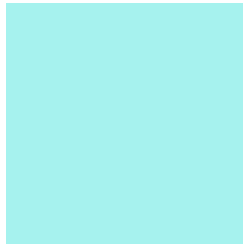
56.1560, -22.7549, 112.1192



17.0860, -6.9444, 34.1276

Previews

White Background



This preview shows how the YUV color 218.8200, 9.4557, -46.3231 looks on a white background.

Color Contrast Check

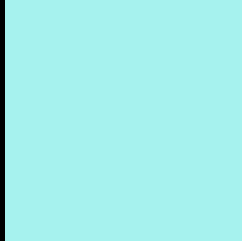
Large Text (above 18pt) WCAG AA × Fail

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 218.8200, 9.4557, -46.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

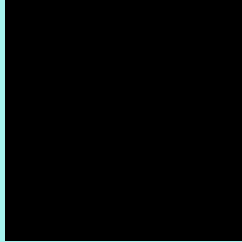
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.8200, 9.4557, -46.3231

Background



This preview shows how black text looks on a background with the YUV color 218.8200, 9.4557, -46.3231.



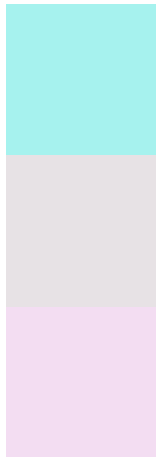
This preview shows how white text looks on a background with the YUV color 218.8200, 9.4557, -46.3231.

-46.3231.

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

218.8200, 9.4557, -46.3231

Protanopia

227.8370, 0.5734, 2.7740

Deuteranopia

229.9720, 5.9298, 11.4256



Tritanopia

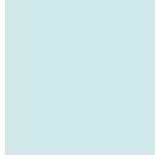
221.9980, 16.2700, -38.5862

Trichromacy



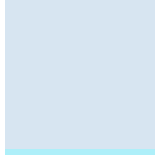
Original Color

218.8200, 9.4557, -46.3231



Protanomaly

224.5250, 3.6852, -15.3694



Deuteranomaly

226.1820, 7.3053, -9.8066



Tritanomaly

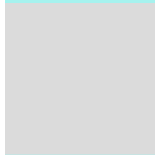
220.7050, 13.9494, -40.9603

Monochromacy



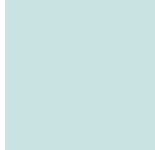
Original Color

218.8200, 9.4557, -46.3231



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.8130, 3.5432, -16.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8200, 9.4557, -46.3231 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(166, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(166, 242, 238)  
}
```

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(166, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 242, 238) }
```

Border

The CSS property to change the border of an element to YUV 218.8200, 9.4557, -46.3231 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(166, 242, 238) }
```


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

```
.border{ border-color:rgb(166, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(166, 242,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 218.8200, 9.4557, -46.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 242, 238) }
```

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

```
.background{ background-color: rgb(166,  
242, 238) }
```

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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