

Converting Colors

YUV(208.1280, 15.7129,
-46.5933)

Have a look what the booklet for
YUV(208.1280, 15.7129, -46.5933)
contains.

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Color

**YUV(208.1280, 15.7129,
-46.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE5F0
RGB	155, 229, 240
RGB Percent	61%, 90%, 94%
CMY	0.3922, 0.1020, 0.0588
CMYK	0.35, 0.05, 0.00, 0.06
HSL	188°, 74%, 77%
HSV	188°, 35%, 94%
XYZ	57.2651, 69.2985, 92.7958
YIQ	208.1280, -47.6350, -12.2670

Conversions

Conversions Part 2

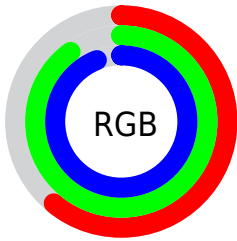
Format	Color
RYB	155, 195, 240
Decimal	10216944
CIELab	86.65, -20.16, -12.64
CIELCh	87, 23.796, 212.072
Yxy	69.2985, 0.2611, 0.3159
Android (android.graphics.Color)	4288407024 (0xFF9BE5F0)
YUV	208.1280, 15.7129, -46.5933
Hunter-Lab	83.2457, -22.8891, -7.8199

Details

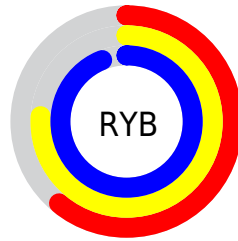
The YUV color **208.1280, 15.7129, -46.5933** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186.8720, -15.7129, 46.5933**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.1430, 6.3385, -26.4354**, and **152.1280, 15.7129, -46.5933** is the 20% darker color. If you saturate the color by 10%, you get **199.1910, 20.1188, -59.8035**, and if you desaturate by 10%, it is **217.0650, 11.3070, -33.3830**.

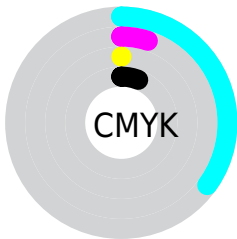
Distribution



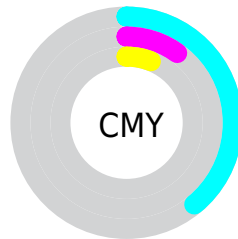
- Red (61%)
- Green (90%)
- Blue (94%)



- Red (61%)
- Yellow (76%)
- Blue (94%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (39%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.1280, 15.7129, -46.5933 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 208.1280, 15.7129, -46.5933 by changing the saturation by 10% instead.

■ 208.1280, 15.7129,
-46.5933

■ 208.1280, 15.7129,
-46.5933

255.0000, 0.0000,
0.0000

■ 180.1280, 15.7129,
-46.5933

■ 242.1430, 6.3385,
-26.4354

■ 152.1280, 15.7129,
-46.5933

■ 250.8140, 2.0637,
-8.6069

■ 125.7150, 15.4235,
-47.1081

■ 98.5190, 16.0131,
-49.5672

■ 68.4360, 18.5191,
-60.0184

■ 51.6120, 14.9813,
-45.2637

■ 35.4890, 11.5909,

-31.1239

■ 21.2410, 7.7692,
-18.6284

■ 2.4110, 6.6994,
-2.1144

■ 208.1280, 15.7129,
-46.5933

■ 208.1280, 15.7129,
-46.5933

■ 199.1910, 20.1188,
-59.8035

■ 217.0650, 11.3070,
-33.3830

■ 190.2540, 24.5248,
-73.0138

■ 226.0020, 6.9010,
-20.1728

■ 181.3170, 28.9307,
-86.2240

■ 234.9390, 2.4951,
-6.9625

■ 172.3800, 33.3367,
-99.4343

■ 243.8760, -1.9109,
6.2477

■ 162.8560, 38.0320,
-112.1297

■ 247.4200, -3.6581,
6.6477

■ 153.9190, 42.4379,
-125.3400

■ 249.1810, -4.5262,
5.1033

■ 150.0430, 44.3488,
-131.5877

■ 250.9420, -5.3944,
3.5589

■ 252.7030, -6.2626,
2.0145

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

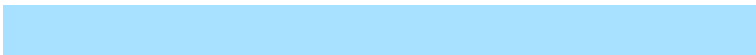
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.3000, 4.7821, -40.6051



208.1280, 15.7129, -46.5933



211.0780, 21.6535, -38.6564

Triad

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



208.1280, 15.7129, -46.5933



221.0320, 8.3652, 23.6509



216.0670, -21.7250, 14.8502

Complementary

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



208.1280, 15.7129, -46.5933



186.8720, -15.7129, 46.5933

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.



217.7360, -19.5898, 30.0495



208.1280, 15.7129, -46.5933



218.8560, -1.4080, 31.6983

Square

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



208.1280, 15.7129, -46.5933



219.6040, 17.4502, 2.9783



217.5220, -11.5963, 32.8682



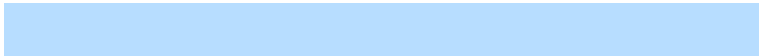
213.3850, -17.4448, -4.7226

Rectangle

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



208.1280, 15.7129, -46.5933



213.5140, 20.4526, -26.7608



217.5220, -11.5963, 32.8682



216.5130, -21.4519, 20.5981

Sweetspot

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



208.1280, 15.7129, -46.5933



244.2800, 5.2850, -15.1546



206.0350, -20.2303, -44.7577



121.1560, 3.3741, -8.9068



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.



208.1280, 15.7129, -46.5933



213.8920, 20.2662, -60.4183



184.0610, 27.5779, -25.4865



115.2380, 2.3477, -6.3477



114.8960, 34.0683, -100.7638



35.1470, 10.2805, -30.8239

Inverse Universe

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



188.8510, 19.7935, 44.8577



188.8340, 25.7178, 58.0276



210.9390, -27.5779, 25.4865



112.7280, 2.5991, 6.3775



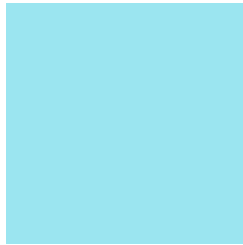
73.2560, 42.7648, 97.1225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 208.1280, 15.7129, -46.5933 looks on a white background.

Color Contrast Check

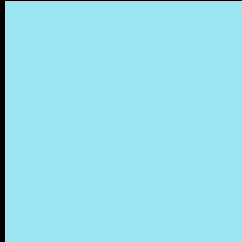
Large Text (above 18pt) WCAG AA × Fail

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 208.1280, 15.7129, -46.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

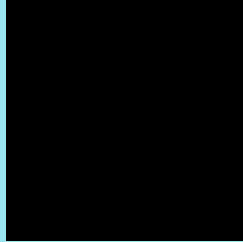
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.1280, 15.7129, -46.5933

Background



This preview shows how black text looks on a background with the YUV color 208.1280, 15.7129, -46.5933.



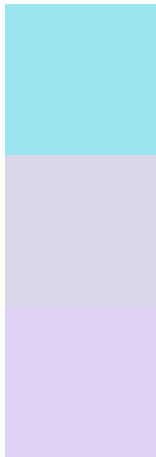
This preview shows how white text looks on a background with the YUV color 208.1280, 15.7129, -46.5933.

-46.5933.

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

208.1280, 15.7129, -46.5933

Protanopia

216.8240, 6.9888, -1.5996

Deuteranopia

218.0620, 12.7874, 5.2076



Tritanopia

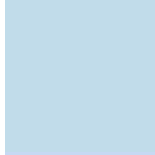
208.8230, 18.3283, -45.4488

Trichromacy



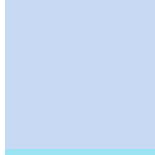
Original Color

208.1280, 15.7129, -46.5933



Protanomaly

213.5230, 10.0952, -17.9987



Deuteranomaly

214.5820, 14.0101, -13.6654



Tritanomaly

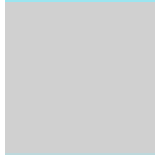
208.2960, 17.6021, -45.8636

Monochromacy



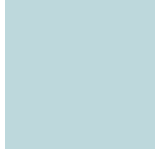
Original Color

208.1280, 15.7129, -46.5933



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.3830, 5.7272, -16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1280, 15.7129, -46.5933 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(155, 229, 240)` looks like.

```
.text, #text, p{  
    color:rgb(155, 229, 240)  
}
```

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(155, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 229, 240) }
```

Border

The CSS property to change the border of an element to YUV 208.1280, 15.7129, -46.5933 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(155, 229, 240) }
```


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

```
.border{ border-color:rgb(155, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 229, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 229, 240);  
box-shadow:4px 4px 4px 4px rgb(155, 229,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 208.1280, 15.7129, -46.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 229, 240) }
```

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

```
.background{ background-color: rgb(155,  
229, 240) }
```

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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