

Converting Colors

YUV(198.4100, 18.0389,
-45.9636)

Have a look what the booklet for
YUV(198.4100, 18.0389, -45.9636)
contains.

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Color

**YUV(198.4100, 18.0389,
-45.9636)**

Conversions

Conversions Part 1

Format	Color
Hex	92DAEB
RGB	146, 218, 235
RGB Percent	57%, 85%, 92%
CMY	0.4275, 0.1451, 0.0784
CMYK	0.38, 0.07, 0.00, 0.08
HSL	191°, 69%, 75%
HSV	191°, 38%, 92%
XYZ	51.9209, 62.2520, 87.8766
YIQ	198.4100, -48.3690, -9.9770

Conversions

Conversions Part 2

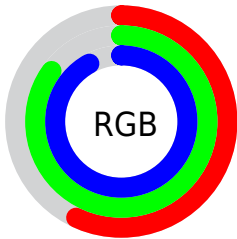
Format	Color
RYB	146, 186, 235
Decimal	9624299
CIELab	83.05, -18.20, -15.44
CIELCh	83, 23.863, 220.312
Yxy	62.2520, 0.2570, 0.3081
Android (android.graphics.Color)	4287814379 (0xFF92DAEB)
YUV	198.4100, 18.0389, -45.9636
Hunter-Lab	78.8999, -20.6112, -10.8057

Details

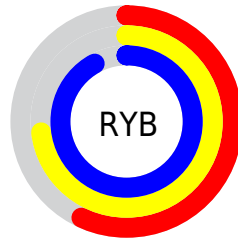
The YUV color **198.4100, 18.0389, -45.9636** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182.5900, -18.0389, 45.9636**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4520, 7.6652, -31.9684**, and **142.9970, 17.7495, -46.4784** is the 20% darker color. If you saturate the color by 10%, you get **188.8860, 22.7342, -58.6590**, and if you desaturate by 10%, it is **207.9340, 13.3435, -33.2681**.

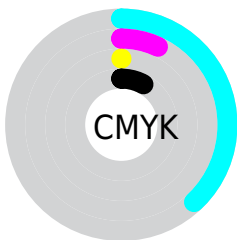
Distribution



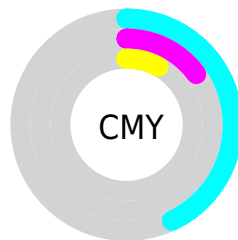
- Red (57%)
- Green (85%)
- Blue (92%)



- Red (57%)
- Yellow (73%)
- Blue (92%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (43%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4100, 18.0389, -45.9636 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 198.4100, 18.0389, -45.9636 by changing the saturation by 10% instead.

■ 198.4100, 18.0389,
-45.9636

■ 198.4100, 18.0389,
-45.9636

255.0000, 0.0000,
0.0000

■ 170.4100, 18.0389,
-45.9636

■ 239.4520, 7.6652,
-31.9684

■ 142.9970, 17.7495,
-46.4784

■ 248.1230, 3.3904,
-14.1399

■ 116.2850, 17.6075,
-47.6079

■ 88.6050, 18.9287,
-51.3966

■ 62.6970, 19.3764,
-54.9853

■ 45.8730, 15.8386,
-40.2306

■ 30.3370, 12.1589,

-26.6055

■ 15.5020, 8.6265,
-13.5953

■ 0.9120, 3.4944,
-0.7998

■ 198.4100, 18.0389,
-45.9636

■ 198.4100, 18.0389,
-45.9636

■ 188.8860, 22.7342,
-58.6590

■ 207.9340, 13.3435,
-33.2681

■ 179.0740, 27.5715,
-70.2249

■ 217.7460, 8.5062,
-21.7022

■ 169.5500, 32.2669,
-82.9203

■ 226.9710, 3.9583,
-9.6216

■ 159.7380, 37.1042,
-94.4862

■ 237.0820, -1.0264,
2.5591

■ 150.5130, 41.6521,
-106.5669

■ 243.9150, -4.3951,
9.7215

■ 140.4020, 46.6368,
-118.7476

■ 246.8500, -5.8420,
7.1476

■ 138.3200, 47.6632,
-121.3066

■ 249.1980, -6.9996,
5.0884

■ 252.1330, -8.4466,
2.5144

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

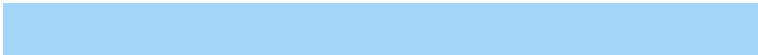
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.7880, 7.9925, -43.6641



198.4100, 18.0389, -45.9636



202.0400, 22.6583, -34.2381

Triad

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



198.4100, 18.0389, -45.9636



210.9570, 5.4442, 27.2247



205.2620, -20.8352, 9.4172

Complementary

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



198.4100, 18.0389, -45.9636



182.5900, -18.0389, 45.9636

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.



207.0730, -20.7420, 26.2460



198.4100, 18.0389, -45.9636



210.5640, -5.2081, 37.2164

Square

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



198.4100, 18.0389, -45.9636



210.0670, 15.2500, 8.7112



209.3330, -14.9542, 36.5420



202.3350, -14.9552, -9.9408

Rectangle

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



198.4100, 18.0389, -45.9636



205.4160, 22.4729, -21.4128



209.3330, -14.9542, 36.5420



205.7790, -21.5830, 15.9798

Sweetspot

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



198.4100, 18.0389, -45.9636



243.6930, 5.5744, -14.6398



200.0670, -18.7670, -47.4168



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



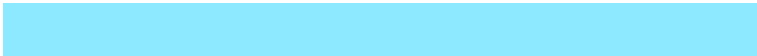
128.0000, 0.0000, 0.0000

Same Dimension

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



198.4100, 18.0389, -45.9636



207.7010, 23.3184, -59.3738



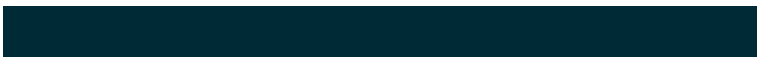
172.5820, 30.7721, -23.3124



112.5370, 2.2003, -5.7329



106.3360, 36.8094, -93.2567



31.3970, 11.1433, -27.5352

Inverse Universe

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



180.8190, 18.3302, 47.5167



184.9870, 23.6704, 61.4014



208.4180, -30.7721, 23.3124



110.3150, 2.3097, 5.8627



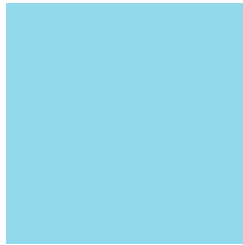
70.7630, 37.0918, 96.6778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 198.4100, 18.0389, -45.9636 looks on a white background.

Color Contrast Check

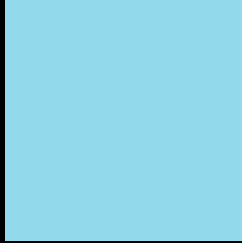
Large Text (above 18pt) WCAG AA × Fail

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 198.4100, 18.0389, -45.9636 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

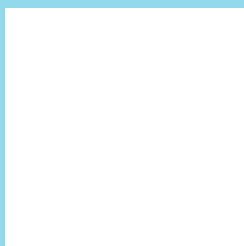
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.4100, 18.0389, -45.9636

Background



This preview shows how black text looks on a background with the YUV color 198.4100, 18.0389, -45.9636.



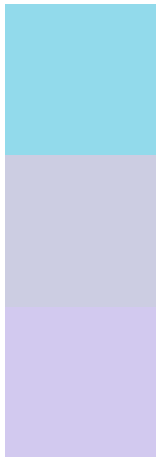
This preview shows how white text looks on a background with the YUV color 198.4100, 18.0389, -45.9636.

-45.9636.

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

198.4100, 18.0389, -45.9636

Protanopia

207.0950, 9.3202, -2.7143

Deuteranopia

208.0230, 15.2717, 1.7338



Tritanopia

198.4100, 18.0389, -45.9636

Trichromacy



Original Color

198.4100, 18.0389, -45.9636

Protanomaly

204.0930, 12.2792, -18.4986

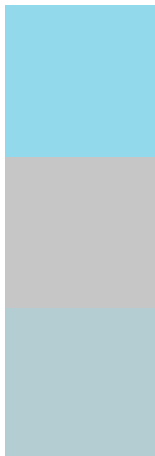
Deuteranomaly

204.5540, 16.4889, -15.3949

Tritanomaly

198.4100, 18.0389, -45.9636

Monochromacy



Original Color

198.4100, 18.0389, -45.9636

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4100, 18.0389, -45.9636 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(146, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(146, 218, 235)  
}
```

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(146, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 218, 235) }
```

Border

The CSS property to change the border of an element to YUV 198.4100, 18.0389, -45.9636 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(146, 218, 235) }
```


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

```
.border{ border-color:rgb(146, 218, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 218, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(146, 218,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 198.4100, 18.0389, -45.9636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 218, 235) }
```

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

```
.background{ background-color: rgb(146,  
218, 235) }
```

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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