

Converting Colors

YUV(196.1110, 18.1863,
-46.5783)

Have a look what the booklet for
YUV(196.1110, 18.1863, -46.5783)
contains.

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Color

**YUV(196.1110, 18.1863,
-46.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD8E9
RGB	143, 216, 233
RGB Percent	56%, 85%, 91%
CMY	0.4392, 0.1529, 0.0863
CMYK	0.39, 0.07, 0.00, 0.09
HSL	191°, 67%, 74%
HSV	191°, 39%, 91%
XYZ	50.5915, 60.8346, 86.1666
YIQ	196.1110, -48.9650, -10.1890

Conversions

Conversions Part 2

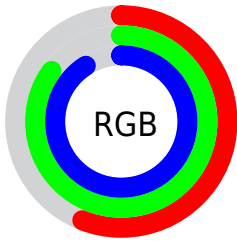
Format	Color
RYB	143, 183, 233
Decimal	9427177
CIELab	82.29, -18.45, -15.53
CIELCh	82, 24.115, 220.086
Yxy	60.8346, 0.2560, 0.3079
Android (android.graphics.Color)	4287617257 (0xFF8FD8E9)
YUV	196.1110, 18.1863, -46.5783
Hunter-Lab	77.9965, -20.7119, -10.9030

Details

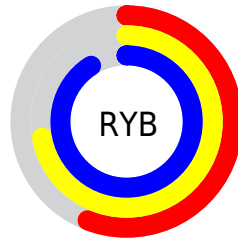
The YUV color **196.1110, 18.1863, -46.5783** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179.8890, -18.1863, 46.5783**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, 8.1074, -33.8127**, and **140.6980, 17.8969, -47.0931** is the 20% darker color. If you saturate the color by 10%, you get **186.8860, 22.7342, -58.6590**, and if you desaturate by 10%, it is **205.3360, 13.6384, -34.4977**.

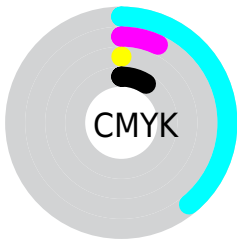
Distribution



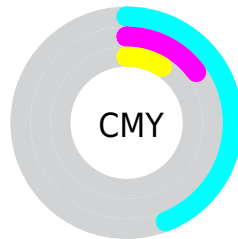
- Red (56%)
- Green (85%)
- Blue (91%)



- Red (56%)
- Yellow (72%)
- Blue (91%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.1110, 18.1863, -46.5783 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 196.1110, 18.1863, -46.5783 by changing the saturation by 10% instead.

■ 196.1110, 18.1863,
-46.5783

■ 196.1110, 18.1863,
-46.5783

255.0000, 0.0000,
0.0000

■ 168.1110, 18.1863,
-46.5783

■ 238.5550, 8.1074,
-33.8127

■ 140.6980, 17.8969,
-47.0931

■ 247.2260, 3.8326,
-15.9842

■ 114.1000, 18.1917,
-48.3227

■ 85.7080, 19.3710,
-53.2409

■ 61.2950, 19.0816,
-53.7557

■ 44.4710, 15.5438,
-39.0011

■ 28.9350, 11.8640,

-25.3760

■ 13.0400, 9.3473,
-11.4361

■ 0.5700, 2.1840,
-0.4999

■ 196.1110, 18.1863,
-46.5783

■ 196.1110, 18.1863,
-46.5783

■ 186.8860, 22.7342,
-58.6590

■ 205.3360, 13.6384,
-34.4977

■ 176.7750, 27.7189,
-70.8397

■ 215.4470, 8.6536,
-22.3170

■ 167.5500, 32.2668,
-82.9204

■ 224.6720, 4.1057,
-10.2363

■ 157.7380, 37.1042,
-94.4862

■ 234.4840, -0.7316,
1.3295

■ 148.2140, 41.7995,
-107.1817

■ 242.5130, -4.6899,
10.9511

■ 138.9890, 46.3474,
-119.2624

■ 244.8610, -5.8475,
8.8919

■ 137.5050, 47.0790,
-120.5919

■ 247.7960, -7.2944,
6.3179

■ 250.1440, -8.4520,
4.2587

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



195.7880, 7.9925, -43.6641



196.1110, 18.1863, -46.5783



199.8550, 23.2425, -34.9528

Triad

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



196.1110, 18.1863, -46.5783



208.4840, 6.1704, 27.6395



203.1480, -21.2720, 9.5172

Complementary

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



196.1110, 18.1863, -46.5783



179.8890, -18.1863, 46.5783

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.



205.3720, -20.8894, 26.8608



196.1110, 18.1863, -46.5783



208.5640, -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.



196.1110, 18.1863, -46.5783



207.4800, 15.5394, 9.2260



207.3330, -14.9542, 36.5420



200.3350, -14.9552, -9.9408

Rectangle

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



196.1110, 18.1863, -46.5783



203.2310, 23.0571, -22.1276



207.3330, -14.9542, 36.5420



203.7790, -21.5830, 15.9798

Sweetspot

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



196.1110, 18.1863, -46.5783



242.2090, 6.3060, -15.9693



197.6540, -19.0564, -47.9316



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



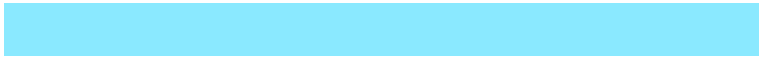
128.0000, 0.0000, 0.0000

Same Dimension

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



196.1110, 18.1863, -46.5783



207.1030, 23.6132, -60.6033



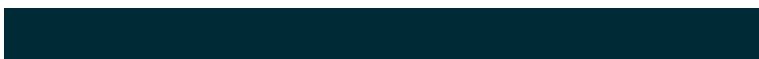
169.6960, 31.2089, -23.4124



112.5370, 2.2003, -5.7329



106.9230, 36.5200, -93.7715



31.3970, 11.1433, -27.5352

Inverse Universe

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



178.2320, 18.6196, 48.0315



183.8130, 24.2492, 62.4310



205.7170, -30.9195, 23.9272



110.3150, 2.3097, 5.8627



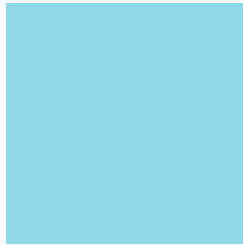
70.8770, 37.5286, 96.5779



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 196.1110, 18.1863, -46.5783 looks on a white background.

Color Contrast Check

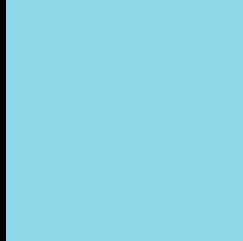
Large Text (above 18pt) WCAG AA × Fail

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 196.1110, 18.1863, -46.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

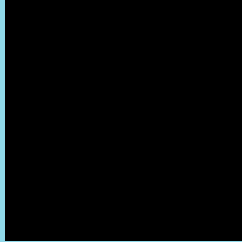
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.1110, 18.1863, -46.5783

Background



This preview shows how black text looks on a background with the YUV color 196.1110, 18.1863, -46.5783.



This preview shows how white text looks on a background with the YUV color 196.1110, 18.1863, -46.5783.

-46.5783.

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

196.1110, 18.1863, -46.5783

Protanopia

204.2090, 9.7570, -2.8143

Deuteranopia

206.0230, 15.2717, 1.7338



Tritanopia

196.1110, 18.1863, -46.5783

Trichromacy



Original Color

196.1110, 18.1863, -46.5783

Protanomaly

201.2070, 12.7159, -18.5985

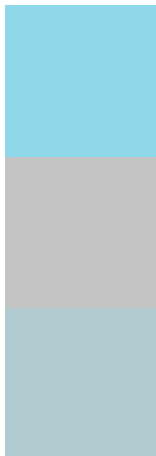
Deuteranomaly

202.2550, 16.6363, -16.0096

Tritanomaly

196.1110, 18.1863, -46.5783

Monochromacy



Original Color

196.1110, 18.1863, -46.5783

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.1110, 18.1863, -46.5783 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(143, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(143, 216, 233)  
}
```

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(143, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 216, 233) }
```

Border

The CSS property to change the border of an element to YUV 196.1110, 18.1863, -46.5783 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(143, 216, 233) }
```


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

```
.border{ border-color:rgb(143, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(143, 216,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 196.1110, 18.1863, -46.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 216, 233) }
```

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

```
.background{ background-color: rgb(143,  
216, 233) }
```

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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