

Converting Colors

YUV(188.0010, 21.6915,
-50.8669)

Have a look what the booklet for
YUV(188.0010, 21.6915, -50.8669)
contains.

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Color

**YUV(188.0010, 21.6915,
-50.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	82D1E8
RGB	130, 209, 232
RGB Percent	51%, 82%, 91%
CMY	0.4902, 0.1804, 0.0902
CMYK	0.44, 0.10, 0.00, 0.09
HSL	194°, 69%, 71%
HSV	194°, 44%, 91%
XYZ	46.5719, 56.1730, 84.7318
YIQ	188.0010, -54.4670, -9.5950

Conversions

Conversions Part 2

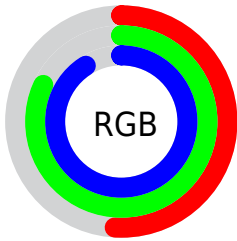
Format	Color
RYB	130, 175, 232
Decimal	8573416
CIELab	79.71, -18.37, -18.94
CIElCh	80, 26.384, 225.877
Yxy	56.1730, 0.2484, 0.2996
Android (android.graphics.Color)	4286763496 (0xFF82D1E8)
YUV	188.0010, 21.6915, -50.8669
Hunter-Lab	74.9486, -20.2430, -14.5652

Details

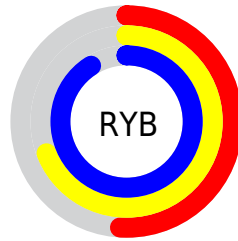
The YUV color **188.0010, 21.6915, -50.8669** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.9990, -21.6915, 50.8669**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **132.2890, 21.5495, -51.9965** is the 20% darker color. If you saturate the color by 10%, you get **178.1890, 26.5288, -62.4328**, and if you desaturate by 10%, it is **197.8130, 16.8542, -39.3010**.

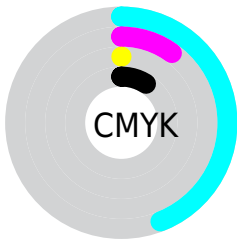
Distribution



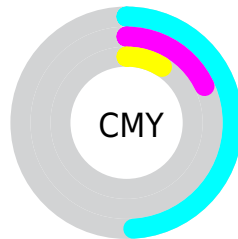
- Red (51%)
- Green (82%)
- Blue (91%)



- Red (51%)
- Yellow (69%)
- Blue (91%)



- Cyan (44%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0010, 21.6915, -50.8669 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 188.0010, 21.6915, -50.8669 by changing the saturation by 10% instead.

■ 188.0010, 21.6915,
-50.8669

■ 188.0010, 21.6915,
-50.8669

■ 255.0000, 0.0000,
0.0000

■ 160.0010, 21.6915,
-50.8669

■ 234.6680, 10.0237,
-41.8048

■ 132.2890, 21.5495,
-51.9965

■ 243.3390, 5.7489,
-23.9763

■ 104.1960, 22.5814,
-56.2999

■ 252.3090, 1.3267,
-5.5330

■ 74.5970, 24.3557,
-65.4216

■ 57.6590, 20.3811,
-50.5669

■ 41.4220, 16.5540,
-36.3271

■ 25.8860, 12.8742,

-22.7020

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 188.0010, 21.6915,
-50.8669

■ 188.0010, 21.6915,
-50.8669

■ 178.1890, 26.5288,
-62.4328

■ 197.8130, 16.8542,
-39.3010

■ 168.3770, 31.3661,
-73.9986

■ 207.6250, 12.0169,
-27.7351

■ 157.6790, 36.6403,
-85.6645

■ 218.3230, 6.7428,
-16.0693

■ 147.8670, 41.4776,
-97.2304

■ 228.1350, 1.9054,
-4.5034

■ 138.0550, 46.3149,
-108.7962

■ 237.9470, -2.9319,
7.0625

■ 132.1080, 49.2468,
-115.8587

■ 243.5730, -5.7055,
10.0215

■ 247.0950, -7.4418,
6.9327

■ 250.0300, -8.8888,
4.3587

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



186.9550, 11.3612, -50.8265



188.0010, 21.6915, -50.8669



192.8380, 25.7159, -34.9379

Triad

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



188.0010, 21.6915, -50.8669



201.6480, 4.1175, 32.7577



194.8980, -22.1347, 6.2285

Complementary

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



188.0010, 21.6915, -50.8669



173.9990, -21.6915, 50.8669

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.



197.6770, -23.5048, 25.7163



188.0010, 21.6915, -50.8669



200.9020, -7.8397, 41.3049

Square

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



188.0010, 21.6915, -50.8669



201.3990, 15.0863, 14.5591



199.2470, -17.8698, 38.3714



192.1170, -14.3547, -15.8886

Rectangle

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



188.0010, 21.6915, -50.8669



196.5950, 24.3567, -18.9388



199.2470, -17.8698, 38.3714



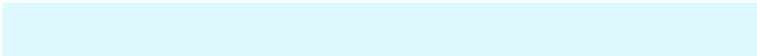
196.3010, -23.3194, 12.8910

Sweetspot

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



188.0010, 21.6915, -50.8669



241.0240, 6.8902, -16.6840



192.3820, -19.9083, -54.7090



118.7860, 4.5425, -10.3363



0.0000, 0.0000, 0.0000



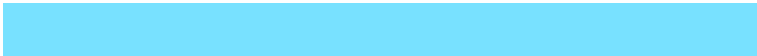
128.0000, 0.0000, 0.0000

Same Dimension

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



188.0010, 21.6915, -50.8669



197.0250, 28.5817, -67.5509



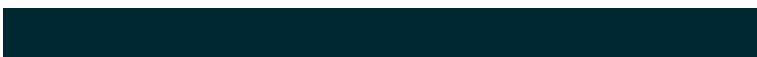
158.6510, 36.1611, -25.1269



109.6510, 2.6371, -5.8329



101.4120, 38.2509, -88.9383



29.2940, 10.7011, -25.6908

Inverse Universe

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



169.5040, 19.4715, 54.8090



172.3350, 25.9638, 72.4972



203.3490, -36.1611, 25.1269



107.6140, 2.1623, 6.4775



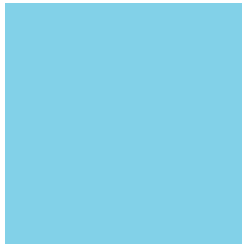
69.2530, 33.8923, 96.2481



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 188.0010, 21.6915, -50.8669 looks on a white background.

Color Contrast Check

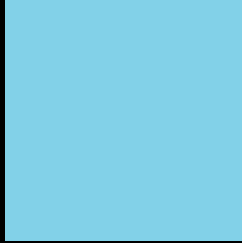
Large Text (above 18pt) WCAG AA × Fail

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 188.0010, 21.6915, -50.8669 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 188.0010, 21.6915, -50.8669

Background



This preview shows how black text looks on a background with the YUV color 188.0010, 21.6915, -50.8669.



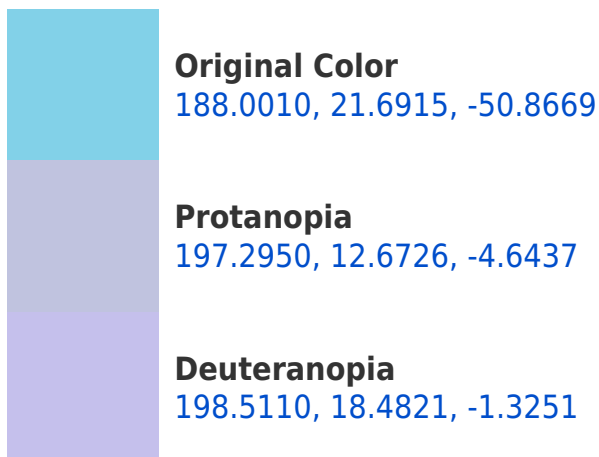
This preview shows how white text looks on a background with the YUV color 188.0010, 21.6915, -50.8669.

-50.8669.

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





Tritanopia

187.4200, 19.5129, -52.1113

Trichromacy



Original Color

188.0010, 21.6915, -50.8669

Protanomaly

193.6950, 15.9264, -21.6575

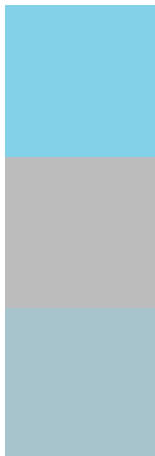
Deuteranomaly

194.7430, 19.8467, -19.0686

Tritanomaly

187.9470, 20.2391, -51.6965

Monochromacy



Original Color

188.0010, 21.6915, -50.8669

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0010, 21.6915, -50.8669 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(130, 209, 232)` looks like.

```
.text, #text, p{  
    color:rgb(130, 209, 232)  
}
```

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(130, 209, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 209, 232) }
```

Border

The CSS property to change the border of an element to YUV 188.0010, 21.6915, -50.8669 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(130, 209, 232) }
```


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

```
.border{ border-color:rgb(130, 209, 232) }
```

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

Here you see how a box with a 4 pixel rgb(130, 209, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 209, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 209, 232);  
box-shadow:4px 4px 4px 4px rgb(130, 209,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 188.0010, 21.6915, -50.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 209, 232) }
```

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

```
.background{ background-color: rgb(130,  
209, 232) }
```

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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