

Converting Colors

YUV(199.8710, 18.7976,
-56.0149)

Have a look what the booklet for
YUV(199.8710, 18.7976, -56.0149)
contains.

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Color

**YUV(199.8710, 18.7976,
-56.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	88E1EE
RGB	136, 225, 238
RGB Percent	53%, 88%, 93%
CMY	0.4667, 0.1176, 0.0667
CMYK	0.43, 0.05, 0.00, 0.07
HSL	188°, 75%, 73%
HSV	188°, 43%, 93%
XYZ	52.5112, 65.2577, 90.7173
YIQ	199.8710, -57.2170, -14.8250

Conversions

Conversions Part 2

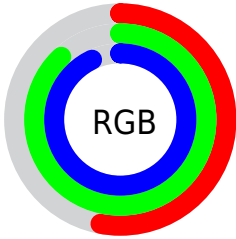
Format	Color
R_{YB}	136, 184, 238
Decimal	8970734
CIE _{Lab}	84.62, -23.42, -14.72
CIE _{LCh}	85, 27.658, 212.150
Yxy	65.2577, 0.2519, 0.3130
Android (android.graphics.Color)	4287160814 (0xFF88E1EE)
YUV	199.8710, 18.7976, -56.0149
Hunter-Lab	80.7822, -25.3379, -10.0342

Details

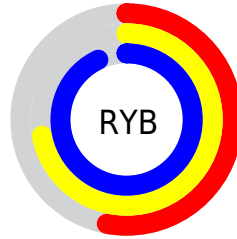
The YUV color **199.8710, 18.7976, -56.0149** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **174.1290, -18.7976, 56.0149**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **143.8600, 18.8030, -57.7592** is the 20% darker color. If you saturate the color by 10%, you get **190.9340, 23.2035, -69.2251**, and if you desaturate by 10%, it is **208.8080, 14.3917, -42.8046**.

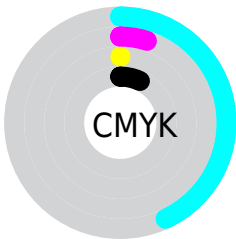
Distribution



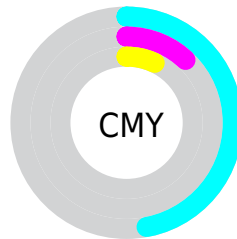
- Red (53%)
- Green (88%)
- Blue (93%)



- Red (53%)
- Yellow (72%)
- Blue (93%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8710, 18.7976, -56.0149 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 199.8710, 18.7976, -56.0149 by changing the saturation by 10% instead.

■ 199.8710, 18.7976,
-56.0149

■ 199.8710, 18.7976,
-56.0149

■ 255.0000, 0.0000,
0.0000

■ 171.5720, 18.9450,
-56.6296

■ 236.7610, 8.9918,
-37.5014

■ 143.8600, 18.8030,
-57.7592

■ 245.4320, 4.7170,
-19.6729

■ 115.3650, 19.5401,
-60.8331

■ 254.4020, 0.2948,
-1.2296

■ 83.3850, 22.4882,
-73.1286

■ 65.8600, 18.8030,
-57.7592

■ 49.0360, 15.2653,
-43.0046

■ 33.5000, 11.5855,

-29.3795

■ 19.3660, 8.2006,
-16.9840

■ 2.0690, 5.3890,
-1.8145

■ 199.8710, 18.7976,
-56.0149

■ 199.8710, 18.7976,
-56.0149

■ 190.9340, 23.2035,
-69.2251

■ 208.8080, 14.3917,
-42.8046

■ 181.9970, 27.6095,
-82.4354

■ 217.7450, 9.9857,
-29.5944

■ 173.3590, 31.8680,
-95.0308

■ 226.3830, 5.7272,
-16.9989

■ 164.4220, 36.2740,
-108.2411

■ 235.3200, 1.3212,
-3.7886

■ 155.4850, 40.6799,
-121.4513

■ 244.2570, -3.0847,
9.4216

■ 149.2280, 43.7646,
-130.8730

■ 246.0180, -3.9529,
7.8772

■ 247.7790, -4.8210,
6.3328

■ 249.5400, -5.6892,
4.7884

■ 251.3010, -6.5574,
3.2440

Harmonies

Analogous

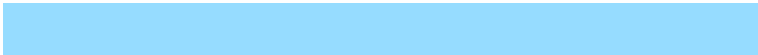
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200.4840, 5.6774, -47.7825



199.8710, 18.7976, -56.0149



203.0600, 25.6064, -46.5336

Triad

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



199.8710, 18.7976, -56.0149



215.8090, 9.9542, 27.3545



209.8670, -25.0774, 16.7796

Complementary

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



199.8710, 18.7976, -56.0149



174.1290, -18.7976, 56.0149

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.



211.9600, -22.6583, 34.2381



199.8710, 18.7976, -56.0149



212.8890, -1.4243, 36.9313

Square

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



199.8710, 18.7976, -56.0149



214.0000, 20.2130, 3.5080



211.8000, -13.2124, 37.8864



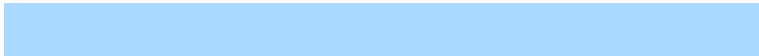
206.8040, -19.6234, -5.9671

Rectangle

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



199.8710, 18.7976, -56.0149



206.9910, 23.6684, -31.5641



211.8000, -13.2124, 37.8864



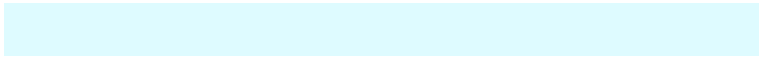
210.6120, -24.9517, 23.1423

Sweetspot

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



199.8710, 18.7976, -56.0149



242.7850, 6.0220, -18.2284



197.2420, -24.2763, -53.7092



119.9600, 3.9637, -11.3659



0.0000, 0.0000, 0.0000



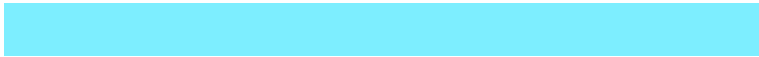
128.0000, 0.0000, 0.0000

Same Dimension

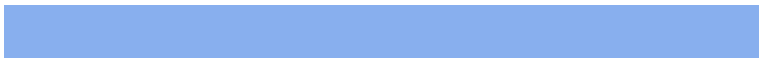
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.8710, 18.7976, -56.0149



206.1510, 24.0826, -71.1694



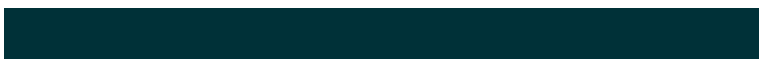
170.5210, 33.2671, -30.2749



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.



176.6440, 23.8395, 53.8092



176.7520, 30.1953, 68.6235



203.4790, -33.2671, 30.2749



112.7280, 2.5991, 6.3775



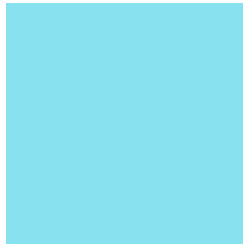
73.2560, 42.7648, 97.1225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 199.8710, 18.7976, -56.0149 looks on a white background.

Color Contrast Check

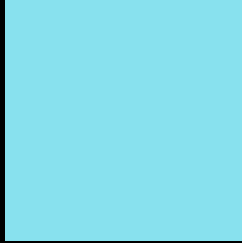
Large Text (above 18pt) WCAG AA × Fail

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 199.8710, 18.7976, -56.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

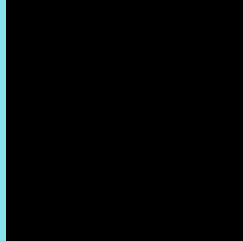
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.8710, 18.7976, -56.0149

Background



This preview shows how black text looks on a background with the YUV color 199.8710, 18.7976, -56.0149.

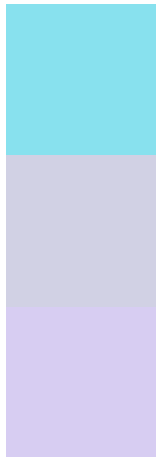


This preview shows how white text looks on a background with the YUV color 199.8710, 18.7976, -56.0149.

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

199.8710, 18.7976, -56.0149

Protanopia

211.1660, 8.2992, -1.8996

Deuteranopia

212.2080, 14.6875, 2.4486



Tritanopia

200.0390, 20.6868, -55.2852

Trichromacy



Original Color

199.8710, 18.7976, -56.0149

Protanomaly

207.0710, 12.2900, -21.9873

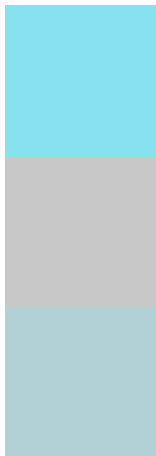
Deuteranomaly

207.5320, 16.4997, -18.8836

Tritanomaly

199.9250, 20.2500, -55.1852

Monochromacy



Original Color

199.8710, 18.7976, -56.0149

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0020, 6.9010, -20.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8710, 18.7976, -56.0149 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(136, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(136, 225, 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(136, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 225, 238) }
```

Border

The CSS property to change the border of an element to YUV 199.8710, 18.7976, -56.0149 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(136, 225, 238) }
```


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

```
.border{ border-color:rgb(136, 225, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 225, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(136, 225,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 199.8710, 18.7976, -56.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 225, 238) }
```

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

```
.background{ background-color: rgb(136,  
225, 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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