

Converting Colors

YUV(195.0820, 22.1446,
-56.1999)

Have a look what the booklet for
YUV(195.0820, 22.1446, -56.1999)
contains.

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Color

**YUV(195.0820, 22.1446,
-56.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	83DBF0
RGB	131, 219, 240
RGB Percent	51%, 86%, 94%
CMY	0.4863, 0.1412, 0.0588
CMYK	0.45, 0.09, 0.00, 0.06
HSL	192°, 78%, 73%
HSV	192°, 45%, 94%
XYZ	50.4198, 61.7796, 91.7053
YIQ	195.0820, -59.1890, -12.1250

Conversions

Conversions Part 2

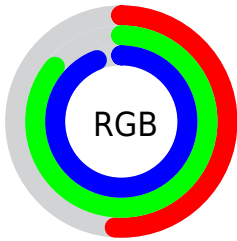
Format	Color
RYB	131, 180, 240
Decimal	8641520
CIELab	82.80, -21.09, -18.54
CIElCh	83, 28.080, 221.312
Yxy	61.7796, 0.2473, 0.3030
Android (android.graphics.Color)	4286831600 (0xFF83DBF0)
YUV	195.0820, 22.1446, -56.1999
Hunter-Lab	78.6000, -23.0471, -14.1557

Details

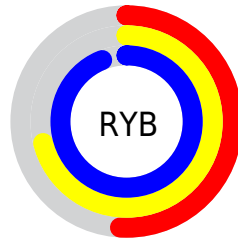
The YUV color **195.0820, 22.1446, -56.1999** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **175.9180, -22.1446, 56.1999**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2660, 9.7289, -40.5753**, and **138.7720, 22.2974, -58.5590** is the 20% darker color. If you saturate the color by 10%, you get **184.9710, 27.1293, -68.3806**, and if you desaturate by 10%, it is **205.1930, 17.1599, -44.0193**.

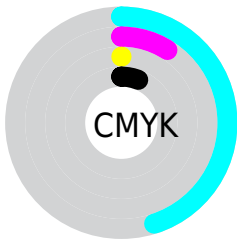
Distribution



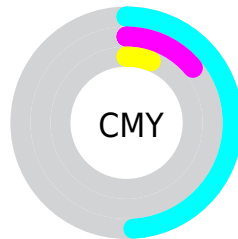
- Red (51%)
- Green (86%)
- Blue (94%)



- Red (51%)
- Yellow (71%)
- Blue (94%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0820, 22.1446, -56.1999 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 195.0820, 22.1446, -56.1999 by changing the saturation by 10% instead.

195.0820, 22.1446,
-56.1999

195.0820, 22.1446,
-56.1999

255.0000, 0.0000,
0.0000

166.7830, 22.2920,
-56.8147

235.2660, 9.7289,
-40.5753

138.7720, 22.2974,
-58.5590

243.9370, 5.4541,
-22.7467

109.6790, 23.3293,
-62.8625

252.9070, 1.0318,
-4.3034

80.6780, 24.8087,
-70.7546

63.1530, 21.1236,
-55.3852

46.9160, 17.2964,
-41.1453

30.6790, 13.4693,

-26.9055

■ 15.3710, 10.6631,
-13.4804

■ 2.1830, 5.8258,
-1.9145

■ 195.0820, 22.1446,
-56.1999

■ 195.0820, 22.1446,
-56.1999

■ 184.9710, 27.1293,
-68.3806

■ 205.1930, 17.1599,
-44.0193

■ 175.4470, 31.8246,
-81.0760

■ 214.7170, 12.4645,
-31.3238

■ 165.3360, 36.8094,
-93.2567

■ 224.8280, 7.4798,
-19.1432

■ 155.8120, 41.5047,
-105.9521

■ 234.3520, 2.7845,
-6.4477

■ 145.7010, 46.4894,
-118.1328

■ 244.4630, -2.2003,
5.7329

■ 141.2380, 48.6897,
-123.8657

■ 248.5940, -4.2368,
5.6181

■ 250.9420, -5.3944,
3.5589

■ 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.



194.3030, 10.2036, -52.8857



195.0820, 22.1446, -56.1999



199.8480, 27.1899, -41.0857

Triad

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



195.0820, 22.1446, -56.1999



210.6310, 6.5909, 32.7726



203.9370, -24.6189, 9.7023

Complementary

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



195.0820, 22.1446, -56.1999



175.9180, -22.1446, 56.1999

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.



206.4710, -24.3892, 29.4049



195.0820, 22.1446, -56.1999



208.4720, -5.6557, 40.8051

Square

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



195.0820, 22.1446, -56.1999



209.7730, 17.8599, 11.6001



207.9700, -17.7332, 41.2453



200.7430, -17.1283, -12.9296

Rectangle

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



195.0820, 22.1446, -56.1999



203.7900, 25.2465, -24.3718



207.9700, -17.7332, 41.2453



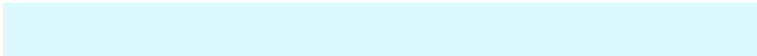
205.0520, -25.6616, 17.4944

Sweetspot

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



195.0820, 22.1446, -56.1999



240.1270, 7.3324, -18.5284



197.2630, -22.8077, -58.1127



118.4870, 4.6899, -10.9511



0.0000, 0.0000, 0.0000



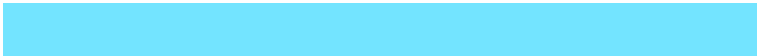
128.0000, 0.0000, 0.0000

Same Dimension

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



195.0820, 22.1446, -56.1999



197.2910, 28.4505, -72.1692



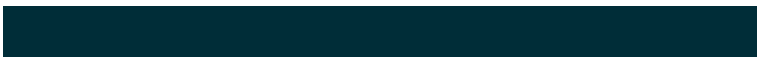
163.9710, 37.4823, -28.9156



115.2380, 2.3477, -6.3477



107.8520, 37.5410, -94.5862



32.7990, 11.4381, -28.7647

Inverse Universe

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



173.6230, 22.3709, 58.2126



169.7420, 28.7212, 74.7713



207.0290, -37.4823, 28.9156



112.7280, 2.5991, 6.3775



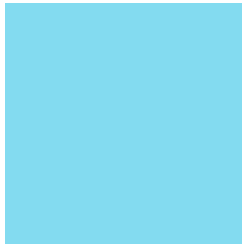
71.8880, 37.5232, 98.3222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 195.0820, 22.1446, -56.1999 looks on a white background.

Color Contrast Check

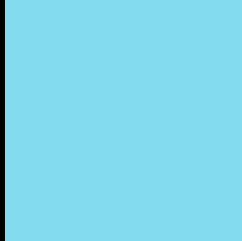
Large Text (above 18pt) WCAG AA × Fail

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 195.0820, 22.1446, -56.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

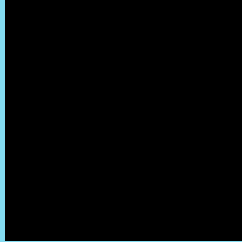
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.0820, 22.1446, -56.1999

Background



This preview shows how black text looks on a background with the YUV color 195.0820, 22.1446, -56.1999.

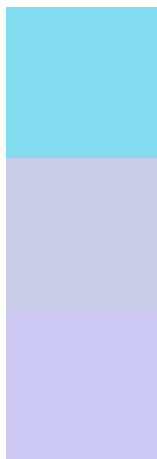


This preview shows how white text looks on a background with the YUV color 195.0820, 22.1446, -56.1999.

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

195.0820, 22.1446, -56.1999

Protanopia

206.0670, 11.7990, -4.4438

Deuteranopia

206.8100, 18.3347, -0.7104



Tritanopia

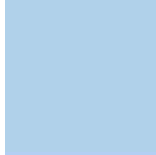
194.4410, 20.9816, -56.5148

Trichromacy



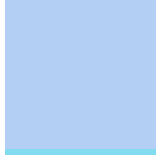
Original Color

195.0820, 22.1446, -56.1999



Protanomaly

201.9830, 15.7844, -22.7871



Deuteranomaly

202.7320, 19.8521, -20.8130



Tritanomaly

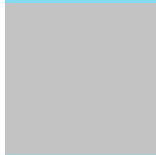
194.5550, 21.4184, -56.6147

Monochromacy



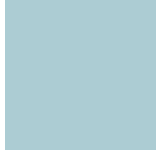
Original Color

195.0820, 22.1446, -56.1999



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.2300, 7.7746, -20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0820, 22.1446, -56.1999 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(131, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(131, 219, 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(131, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 219, 240) }
```

Border

The CSS property to change the border of an element to YUV 195.0820, 22.1446, -56.1999 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(131, 219, 240) }
```


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

```
.border{ border-color:rgb(131, 219, 240) }
```

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

Here you see how a box with a 4 pixel rgb(131, 219, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(131, 219,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 195.0820, 22.1446, -56.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 219, 240) }
```

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

```
.background{ background-color: rgb(131,  
219, 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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