

Converting Colors

YUV(187.0820, 22.1446,
-56.1999)

Have a look what the booklet for
YUV(187.0820, 22.1446, -56.1999)
contains.

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Color

**YUV(187.0820, 22.1446,
-56.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD3E8
RGB	123, 211, 232
RGB Percent	48%, 83%, 91%
CMY	0.5176, 0.1725, 0.0902
CMYK	0.47, 0.09, 0.00, 0.09
HSL	192°, 70%, 70%
HSV	192°, 47%, 91%
XYZ	46.0281, 56.6257, 84.8478
YIQ	187.0820, -59.1890, -12.1250

Conversions

Conversions Part 2

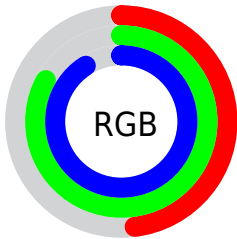
Format	Color
RYB	123, 172, 232
Decimal	8115176
CIELab	79.97, -21.01, -18.58
CIELCh	80, 28.051, 221.484
Yxy	56.6257, 0.2455, 0.3020
Android (android.graphics.Color)	4286305256 (0xFF7BD3E8)
YUV	187.0820, 22.1446, -56.1999
Hunter-Lab	75.2500, -22.5046, -14.1771

Details

The YUV color $187.0820, 22.1446, -56.1999$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $167.9180, -22.1446, 56.1999$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.8740, 10.9081, -45.4935$, and $130.4730, 22.4448, -59.1738$ is the 20% darker color. If you saturate the color by 10%, you get $177.8570, 26.6925, -68.2806$, and if you desaturate by 10%, it is $196.3070, 17.5966, -44.1192$.

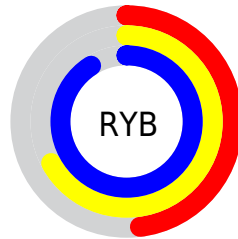
Distribution



Red (48%)

Green (83%)

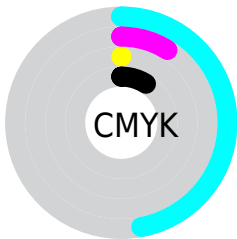
Blue (91%)



Red (48%)

Yellow (67%)

Blue (91%)

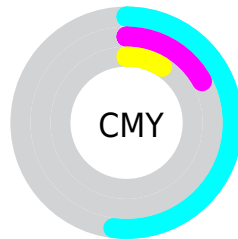


Cyan (47%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (52%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0820, 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 187.0820, 22.1446, -56.1999 by changing the saturation by 10% instead.

■ 187.0820, 22.1446,
-56.1999

■ 187.0820, 22.1446,
-56.1999

■ 255.0000, 0.0000,
0.0000

■ 158.7830, 22.2920,
-56.8147

■ 232.8740, 10.9081,
-45.4935

■ 130.4730, 22.4448,
-59.1738

■ 241.5450, 6.6333,
-27.6650

■ 100.8850, 24.2137,
-66.5511

■ 250.5150, 2.2111,
-9.2217

■ 75.7710, 23.7769,
-66.4512

■ 58.2460, 20.0917,
-51.0817

■ 42.0090, 16.2646,
-36.8419

■ 27.0600, 12.2954,

-23.7316

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 187.0820, 22.1446,
-56.1999

■ 187.0820, 22.1446,
-56.1999

■ 177.8570, 26.6925,
-68.2806

■ 196.3070, 17.5966,
-44.1192

■ 168.0450, 31.5298,
-79.8465

■ 206.1190, 12.7593,
-32.5534

■ 158.5210, 36.2251,
-92.5419

■ 215.6430, 8.0640,
-19.8579

■ 148.7090, 41.0625,
-104.1078

■ 225.4550, 3.2267,
-8.2920

■ 139.4840, 45.6104,
-116.1885

■ 234.6800, -1.3212,
3.7886

■ 136.2170, 47.2210,
-119.4623

■ 242.3990, -5.1267,
11.0511

■ 244.7470, -6.2843,
8.9919

■ 247.6820, -7.7312,
6.4179

■ 250.0300, -8.8888,
4.3587

Harmonies

Analogous

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



186.4170, 10.6404, -52.9857



187.0820, 22.1446, -56.1999



191.8480, 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.



187.0820, 22.1446, -56.1999



202.6310, 6.5909, 32.7726



196.0510, -24.1821, 9.6023

Complementary

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



187.0820, 22.1446, -56.1999



167.9180, -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.



198.4710, -24.3892, 29.4049



187.0820, 22.1446, -56.1999



201.6680, -6.2453, 43.2642

Square

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



187.0820, 22.1446, -56.1999



201.7730, 17.8599, 11.6001



200.3830, -17.4438, 41.7601



192.7430, -17.1283, -12.9296

Rectangle

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



187.0820, 22.1446, -56.1999



196.1320, 26.5569, -24.6718



200.3830, -17.4438, 41.7601



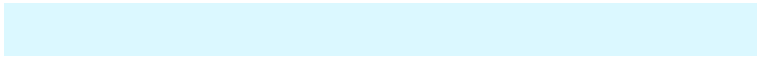
196.8670, -25.0774, 16.7796

Sweetspot

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



187.0820, 22.1446, -56.1999



240.1270, 7.3324, -18.5284



189.2630, -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.



187.0820, 22.1446, -56.1999



195.8070, 29.1821, -73.4987



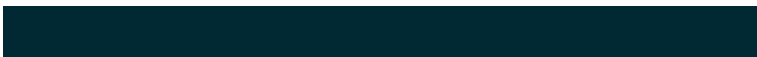
155.9710, 37.4823, -28.9156



110.2380, 2.3477, -6.3477



104.9340, 36.5145, -92.0271



29.8810, 10.4117, -26.2056

Inverse Universe

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



165.6230, 22.3709, 58.2126



167.8670, 29.1526, 76.4156



199.0290, -37.4823, 28.9156



107.7280, 2.5991, 6.3775



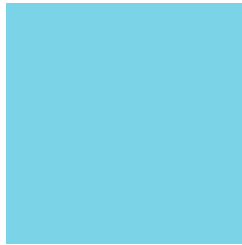
69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 187.0820, 22.1446, -56.1999 looks on a white background.

Color Contrast Check

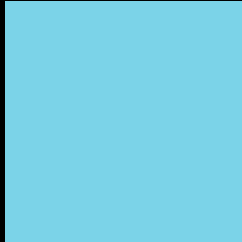
Large Text (above 18pt) WCAG AA × Fail

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 187.0820, 22.1446, -56.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

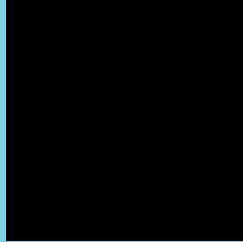
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0820, 22.1446, -56.1999

Background



This preview shows how black text looks on a background with the YUV color 187.0820, 22.1446, -56.1999.



This preview shows how white text looks on a background with the YUV color 187.0820, 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

187.0820, 22.1446, -56.1999

Protanopia

198.0670, 11.7990, -4.4438

Deuteranopia

199.0980, 18.1927, -1.8399



Tritanopia

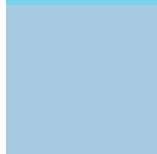
187.0280, 20.6922, -57.0296

Trichromacy



Original Color

187.0820, 22.1446, -56.1999



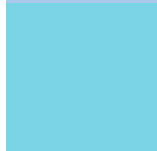
Protanomaly

193.9830, 15.7844, -22.7871



Deuteranomaly

195.0200, 19.7101, -21.9425



Tritanomaly

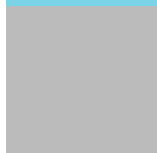
187.1420, 21.1290, -57.1295

Monochromacy



Original Color

187.0820, 22.1446, -56.1999



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.2300, 7.7746, -20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0820, 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(123, 211, 232)` looks like.

```
.text, #text, p{  
    color:rgb(123, 211, 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(123, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 211, 232) }
```

Border

The CSS property to change the border of an element to YUV 187.0820, 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(123, 211, 232) }
```


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

```
.border{ border-color:rgb(123, 211, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 211, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 211, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 211, 232);  
box-shadow:4px 4px 4px 4px rgb(123, 211,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 187.0820, 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(123, 211, 232) }
```

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

```
.background{ background-color: rgb(123,  
211, 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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