

Converting Colors

YUV(193.7830, 22.2920,
-56.8147)

Have a look what the booklet for
YUV(193.7830, 22.2920, -56.8147)
contains.

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Color

**YUV(193.7830, 22.2920,
-56.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	81DAEF
RGB	129, 218, 239
RGB Percent	51%, 85%, 94%
CMY	0.4941, 0.1451, 0.0627
CMYK	0.46, 0.09, 0.00, 0.06
HSL	191°, 77%, 72%
HSV	191°, 46%, 94%
XYZ	49.7047, 61.0419, 90.8239
YIQ	193.7830, -59.7850, -12.3370

Conversions

Conversions Part 2

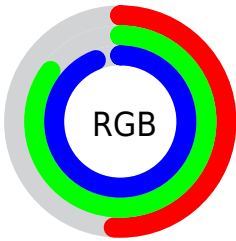
Format	Color
RYB	129, 178, 239
Decimal	8510191
CIELab	82.40, -21.31, -18.61
CIELCh	82, 28.295, 221.129
Yxy	61.0419, 0.2466, 0.3028
Android (android.graphics.Color)	4286700271 (0xFF81DAEF)
YUV	193.7830, 22.2920, -56.8147
Hunter-Lab	78.1293, -23.1674, -14.2330

Details

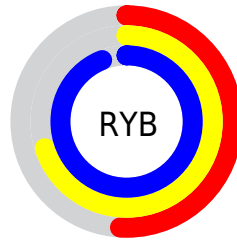
The YUV color **193.7830, 22.2920, -56.8147** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **174.2170, -22.2920, 56.8147**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **137.4730, 22.4448, -59.1738** is the 20% darker color. If you saturate the color by 10%, you get **183.6720, 27.2767, -68.9953**, and if you desaturate by 10%, it is **203.8940, 17.3073, -44.6340**.

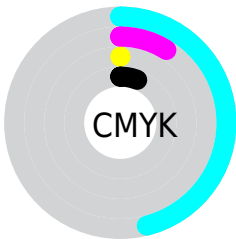
Distribution



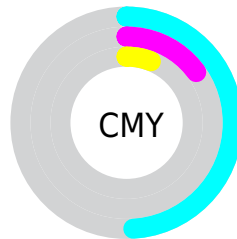
- Red (51%)
- Green (85%)
- Blue (94%)



- Red (51%)
- Yellow (70%)
- Blue (94%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (49%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.7830, 22.2920, -56.8147 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 193.7830, 22.2920, -56.8147 by changing the saturation by 10% instead.

■ 193.7830, 22.2920,
-56.8147

■ 193.7830, 22.2920,
-56.8147

■ 255.0000, 0.0000,
0.0000

■ 165.4840, 22.4394,
-57.4295

■ 234.6680, 10.0237,
-41.8048

■ 137.4730, 22.4448,
-59.1738

■ 243.3390, 5.7489,
-23.9763

■ 108.3690, 23.4821,
-65.2216

■ 252.3090, 1.3267,
-5.5330

■ 79.9770, 24.6613,
-70.1398

■ 62.4520, 20.9762,
-54.7704

■ 46.2150, 17.1490,
-40.5306

■ 30.0920, 13.7586,

-26.3907

■ 14.0830, 10.8051,
-12.3508

■ 2.0690, 5.3890,
-1.8145

■ 193.7830, 22.2920,
-56.8147

■ 193.7830, 22.2920,
-56.8147

■ 183.6720, 27.2767,
-68.9953

■ 203.8940, 17.3073,
-44.6340

■ 174.1480, 31.9720,
-81.6908

■ 213.4180, 12.6119,
-31.9386

■ 164.0370, 36.9568,
-93.8714

■ 223.5290, 7.6272,
-19.7579

■ 154.5130, 41.6521,
-106.5669

■ 233.0530, 2.9319,
-7.0625

■ 144.4020, 46.6368,
-118.7476

■ 242.8650, -1.9054,
4.5034

■ 140.5370, 48.5423,
-123.2509

■ 247.3060, -4.0949,
6.7476

■ 250.2410, -5.5418,
4.1736

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

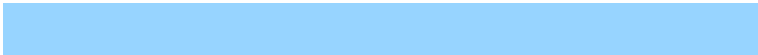
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.0040, 10.3510, -53.5005



193.7830, 22.2920, -56.8147



198.6630, 27.7741, -41.8005

Triad

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



193.7830, 22.2920, -56.8147



209.6310, 6.5909, 32.7726



202.6490, -24.4770, 10.8318

Complementary

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



193.7830, 22.2920, -56.8147



174.2170, -22.2920, 56.8147

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.



205.6560, -24.9734, 30.1197



193.7830, 22.2920, -56.8147



207.7710, -5.8031, 41.4198

Square

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



193.7830, 22.2920, -56.8147



208.7730, 17.8599, 11.6001



207.2690, -17.8806, 41.8601



199.6290, -17.5651, -12.8296

Rectangle

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



193.7830, 22.2920, -56.8147



202.6050, 25.8307, -25.0866



207.2690, -17.8806, 41.8601



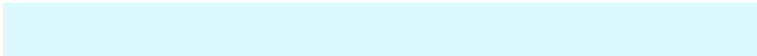
204.0520, -25.6616, 17.4944

Sweetspot

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



193.7830, 22.2920, -56.8147



240.1270, 7.3324, -18.5284



195.8500, -23.0970, -58.6274



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.



193.7830, 22.2920, -56.8147



197.2910, 28.4505, -72.1692



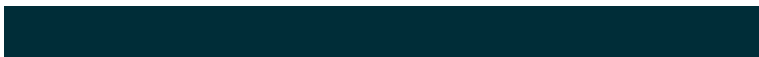
162.0850, 37.9191, -29.0155



115.2380, 2.3477, -6.3477



108.4390, 37.2516, -95.1010



32.7990, 11.4381, -28.7647

Inverse Universe

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



172.0360, 22.6603, 58.7274



169.7420, 28.7212, 74.7713



205.9150, -37.9191, 29.0155



112.7280, 2.5991, 6.3775



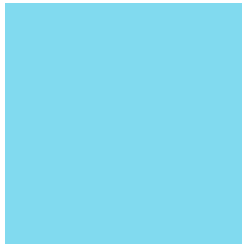
72.0020, 37.9600, 98.2222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 193.7830, 22.2920, -56.8147 looks on a white background.

Color Contrast Check

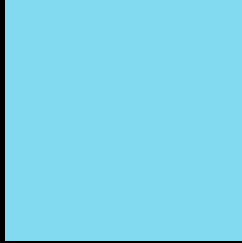
Large Text (above 18pt) WCAG AA × Fail

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 193.7830, 22.2920, -56.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

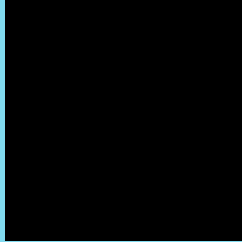
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.7830, 22.2920, -56.8147

Background



This preview shows how black text looks on a background with the YUV color 193.7830, 22.2920, -56.8147.



This preview shows how white text looks on a background with the YUV color 193.7830, 22.2920, -56.8147.

-56.8147.

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

193.7830, 22.2920, -56.8147

Protanopia

204.4800, 12.0884, -3.9290

Deuteranopia

205.8100, 18.3347, -0.7104



Tritanopia

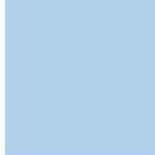
193.1420, 21.1290, -57.1295

Trichromacy



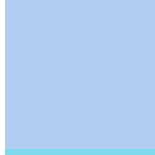
Original Color

193.7830, 22.2920, -56.8147



Protanomaly

200.6840, 15.9318, -23.4019



Deuteranomaly

201.4330, 19.9995, -21.4277



Tritanomaly

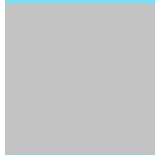
193.2560, 21.5658, -57.2295

Monochromacy



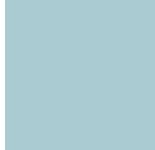
Original Color

193.7830, 22.2920, -56.8147



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9310, 7.9220, -20.9875

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.7830, 22.2920, -56.8147 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(129, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(129, 218, 239)  
}
```

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(129, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 218, 239) }
```

Border

The CSS property to change the border of an element to YUV 193.7830, 22.2920, -56.8147 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(129, 218, 239) }
```


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

```
.border{ border-color:rgb(129, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 218, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 218, 239); box-shadow:4px 4px 4px 4px rgb(129, 218, 239) }
```

Background

The CSS property to change the background color of an element to YUV 193.7830, 22.2920, -56.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 218, 239) }
```

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

```
.background{ background-color: rgb(129,  
218, 239) }
```

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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