

Converting Colors

YUV(197.2440, 23.0507,
-66.8660)

Have a look what the booklet for
YUV(197.2440, 23.0507, -66.8660)
contains.

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Color

**YUV(197.2440, 23.0507,
-66.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	79E3F4
RGB	121, 227, 244
RGB Percent	47%, 89%, 96%
CMY	0.5255, 0.1098, 0.0431
CMYK	0.50, 0.07, 0.00, 0.04
HSL	188°, 85%, 72%
HSV	188°, 50%, 96%
XYZ	51.6834, 65.5348, 95.5134
YIQ	197.2440, -68.6330, -17.1850

Conversions

Conversions Part 2

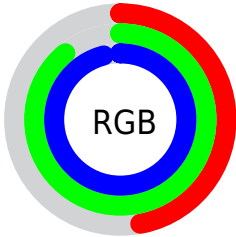
Format	Color
R _Y B	121, 178, 244
Decimal	7988212
CIE Lab	84.76, -26.20, -17.73
CIE LCh	85, 31.634, 214.094
Yxy	65.5348, 0.2430, 0.3081
Android (android.graphics.Color)	4286178292 (0xFF79E3F4)
YUV	197.2440, 23.0507, -66.8660
Hunter-Lab	80.9535, -27.7085, -13.2861

Details

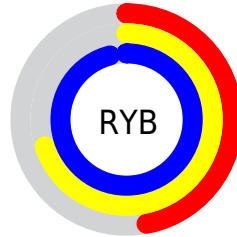
The YUV color **197.2440, 23.0507, -66.8660** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **167.7560, -23.0507, 66.8660**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **138.8520, 24.2300, -71.7842** is the 20% darker color. If you saturate the color by 10%, you get **188.3070, 27.4566, -80.0762**, and if you desaturate by 10%, it is **206.1810, 18.6448, -53.6557**.

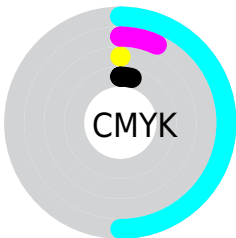
Distribution



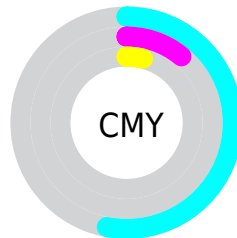
- Red (47%)
- Green (89%)
- Blue (96%)



- Red (47%)
- Yellow (70%)
- Blue (96%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.2440, 23.0507, -66.8660 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 197.2440, 23.0507, -66.8660 by changing the saturation by 10% instead.

197.2440, 23.0507,
-66.8660

197.2440, 23.0507,
-66.8660

255.0000, 0.0000,
0.0000

168.3470, 23.4929,
-68.7103

232.8740, 10.9081,
-45.4935

138.8520, 24.2300,
-71.7842

241.5450, 6.6333,
-27.6650

103.4690, 28.3628,
-90.7423

250.8140, 2.0637,
-8.6069

85.2430, 24.5302,
-74.7581

67.6040, 20.4082,
-59.2887

50.7800, 16.8705,
-44.5341

34.6570, 13.4801,

-30.3942

■ 20.4090, 9.6584,
-17.8987

■ 2.7530, 8.0098,
-2.4144

■ 197.2440, 23.0507,
-66.8660

■ 197.2440, 23.0507,
-66.8660

■ 188.3070, 27.4566,
-80.0762

■ 206.1810, 18.6448,
-53.6557

■ 178.4840, 32.2994,
-93.3865

■ 216.0040, 13.8020,
-40.3455

■ 169.5470, 36.7053,
-106.5967

■ 224.9410, 9.3961,
-27.1353

■ 160.3110, 41.2587,
-120.4217

■ 234.1770, 4.8427,
-13.3102

■ 151.0860, 45.8066,
-132.5024

■ 243.7010, 0.1474,
-0.6148

■ 249.0500, -2.4896,
5.2182

■ 251.3980, -3.6472,
3.1590

■ 253.1590, -4.5154,
1.6146

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

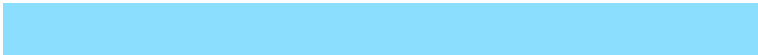
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.8140, 8.4727, -57.7189



197.2440, 23.0507, -66.8660



201.2440, 26.5017, -53.7110

Triad

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



197.2440, 23.0507, -66.8660



216.9560, 10.3747, 32.4876



209.6560, -28.4244, 16.9647

Complementary

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



197.2440, 23.0507, -66.8660



167.7560, -23.0507, 66.8660

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.



212.3580, -26.3055, 37.3970



197.2440, 23.0507, -66.8660



211.6010, -1.2823, 38.0609

Square

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



197.2440, 23.0507, -66.8660



214.3100, 20.0602, 5.8671



210.0560, -14.8176, 39.4159



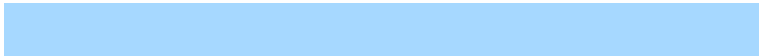
206.3970, -22.3807, -8.2412

Rectangle

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



197.2440, 23.0507, -66.8660



205.4960, 24.4055, -34.6380



210.0560, -14.8176, 39.4159



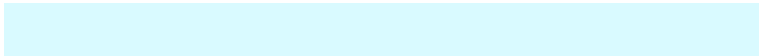
210.8850, -29.0303, 24.6569

Sweetspot

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



197.2440, 23.0507, -66.8660



240.7030, 7.0484, -20.7875



195.0250, -28.6063, -64.9199



118.7750, 4.5479, -12.0807



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.



197.2440, 23.0507, -66.8660



196.9260, 28.6305, -83.2501



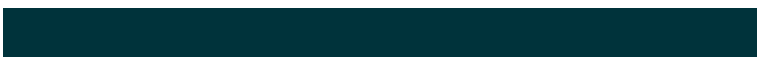
161.4370, 40.7036, -35.4632



117.8250, 2.0583, -6.8625



115.1240, 34.9419, -100.9637



36.6630, 11.0121, -32.1535

Inverse Universe

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



169.8610, 28.1695, 65.0199



162.7950, 35.1041, 80.8638



203.5630, -40.7036, 35.4632



114.8420, 3.0359, 6.2776



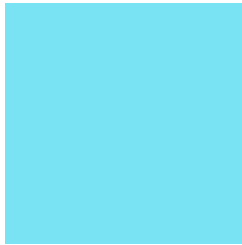
73.8540, 42.4700, 98.3520



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 197.2440, 23.0507, -66.8660 looks on a white background.

Color Contrast Check

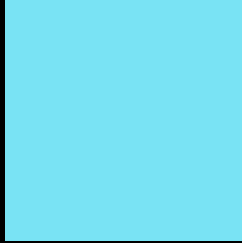
Large Text (above 18pt) WCAG AA × Fail

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 197.2440, 23.0507, -66.8660 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 197.2440, 23.0507, -66.8660

Background



This preview shows how black text looks on a background with the YUV color 197.2440, 23.0507, -66.8660.



This preview shows how white text looks on a background with the YUV color 197.2440, 23.0507, -66.8660.

-66.8660.

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

197.2440, 23.0507, -66.8660

Protanopia

211.3230, 10.1938, -2.9143

Deuteranopia

212.1090, 18.1873, -0.0956



Tritanopia

197.3580, 23.4875, -66.9660

Trichromacy



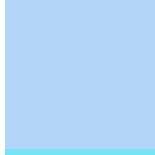
Original Color

197.2440, 23.0507, -66.8660



Protanomaly

206.3200, 14.6322, -26.5906



Deuteranomaly

206.7100, 19.8630, -24.3017



Tritanomaly

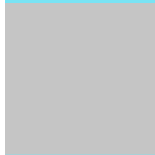
197.3580, 23.4875, -66.9660

Monochromacy



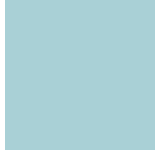
Original Color

197.2440, 23.0507, -66.8660



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2440, 23.0507, -66.8660 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(121, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(121, 227, 244)  
}
```

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(121, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 227, 244) }
```

Border

The CSS property to change the border of an element to YUV 197.2440, 23.0507, -66.8660 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(121, 227, 244) }
```


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

```
.border{ border-color:rgb(121, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(121, 227,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 197.2440, 23.0507, -66.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 227, 244) }
```

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

```
.background{ background-color: rgb(121,  
227, 244) }
```

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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