

Converting Colors

YUV(179.6860, 22.8328,
-43.5746)

Have a look what the booklet for
YUV(179.6860, 22.8328, -43.5746)
contains.

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Color

**YUV(179.6860, 22.8328,
-43.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	82C4E2
RGB	130, 196, 226
RGB Percent	51%, 77%, 89%
CMY	0.4902, 0.2314, 0.1137
CMYK	0.42, 0.13, 0.00, 0.11
HSL	199°, 62%, 70%
HSV	199°, 42%, 89%
XYZ	42.6733, 49.7167, 79.2987
YIQ	179.6860, -48.9660, -4.6620

Conversions

Conversions Part 2

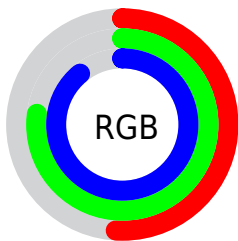
Format	Color
RYB	130, 169, 226
Decimal	8570082
CIELab	75.90, -13.24, -21.50
CIELCh	76, 25.250, 238.383
Yxy	49.7167, 0.2486, 0.2896
Android (android.graphics.Color)	4286760162 (0xFF82C4E2)
YUV	179.6860, 22.8328, -43.5746
Hunter-Lab	70.5100, -15.3628, -17.3231

Details

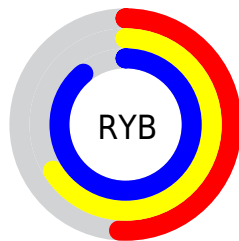
The YUV color **179.6860, 22.8328, -43.5746** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **176.3140, -22.8328, 43.5746**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4940, 10.6025, -40.7752**, and **124.9740, 22.6908, -44.7042** is the 20% darker color. If you saturate the color by 10%, you get **168.7000, 28.2489, -54.1109**, and if you desaturate by 10%, it is **190.6720, 17.4167, -33.0383**.

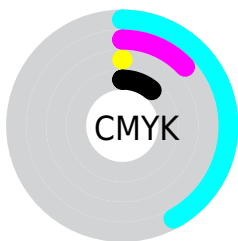
Distribution



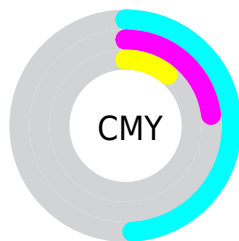
- Red (51%)
- Green (77%)
- Blue (89%)



- Red (51%)
- Yellow (66%)
- Blue (89%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.6860, 22.8328, -43.5746 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 179.6860, 22.8328, -43.5746 by changing the saturation by 10% instead.

■ 179.6860, 22.8328,
-43.5746

■ 179.6860, 22.8328,
-43.5746

255.0000, 0.0000,
0.0000

■ 152.2730, 22.5434,
-44.0894

■ 233.4940, 10.6025,
-40.7752

■ 124.9740, 22.6908,
-44.7042

■ 243.3390, 5.7489,
-23.9763

■ 98.2510, 22.5543,
-47.5781

■ 252.0100, 1.4741,
-6.1478

■ 67.4560, 24.9182,
-59.1589

■ 50.6320, 21.3804,
-44.4043

■ 34.9820, 17.2639,
-30.6792

■ 20.6200, 13.0053,

-18.0837

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 179.6860, 22.8328,
-43.5746

■ 179.6860, 22.8328,
-43.5746

■ 168.7000, 28.2489,
-54.1109

■ 190.6720, 17.4167,
-33.0383

■ 158.0130, 33.5176,
-64.0324

■ 201.3590, 12.1480,
-23.1168

■ 147.0270, 38.9337,
-74.5687

■ 212.3450, 6.7319,
-12.5806

■ 136.3400, 44.2024,
-84.4902

■ 223.0320, 1.4632,
-2.6591

■ 125.3540, 49.6185,
-95.0265

■ 234.0180, -3.9529,
7.8772

■ 116.7490, 53.8607,
-102.3889

■ 241.7150, -7.7475,
11.6509

■ 245.8240, -9.7732,
8.0474

■ 249.9330,
-11.7990, 4.4438

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



176.9920, 15.2869, -49.9820



179.6860, 22.8328, -43.5746



185.0350, 23.6467, -24.5867

Triad

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



179.6860, 22.8328, -43.5746



190.7040, -0.8401, 36.2166



183.4670, -18.4712, -2.1636

Complementary

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



179.6860, 22.8328, -43.5746



176.3140, -22.8328, 43.5746

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.



186.2630, -22.3147, 17.3093



179.6860, 22.8328, -43.5746



189.8540, -11.7600, 38.7160

Square

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



179.6860, 22.8328, -43.5746



190.8900, 10.4072, 22.0215



188.0460, -19.7427, 32.4087



180.7400, -9.2388, -23.4510

Rectangle

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



179.6860, 22.8328, -43.5746



187.8630, 21.2665, -7.7729



188.0460, -19.7427, 32.4087



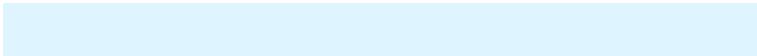
184.3430, -20.3821, 4.0842

Sweetspot

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



179.6860, 22.8328, -43.5746



239.2630, 7.7583, -15.1397



189.6580, -15.1144, -52.3201



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



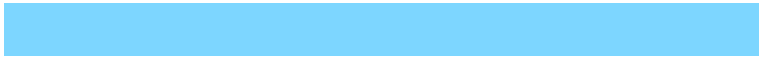
128.0000, 0.0000, 0.0000

Same Dimension

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



179.6860, 22.8328, -43.5746



192.0630, 31.0279, -58.8143



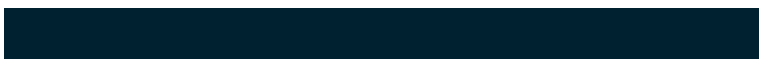
152.0970, 36.4342, -19.3791



106.9500, 2.4897, -5.2181



91.0910, 41.8601, -79.8868



24.8430, 11.4164, -21.7873

Inverse Universe

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



166.2280, 14.6776, 52.4200



174.0160, 19.7121, 71.0230



203.9030, -36.4342, 19.3791



105.2010, 1.8729, 5.9627



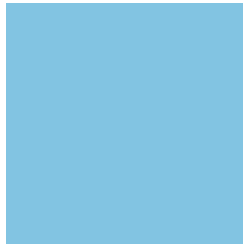
66.4180, 26.9089, 96.1034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 179.6860, 22.8328, -43.5746 looks on a white background.

Color Contrast Check

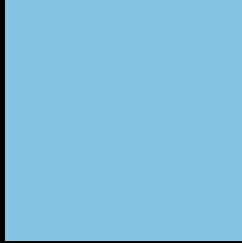
Large Text (above 18pt) WCAG AA × Fail

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 179.6860, 22.8328, -43.5746 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

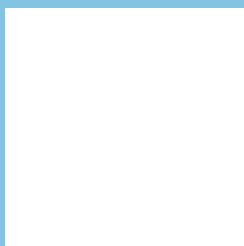
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.6860, 22.8328, -43.5746

Background



This preview shows how black text looks on a background with the YUV color 179.6860, 22.8328, -43.5746.



This preview shows how white text looks on a background with the YUV color 179.6860, 22.8328, -43.5746.

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

179.6860, 22.8328, -43.5746

Protanopia

187.2670, 15.1514, -6.3732

Deuteranopia

187.6570, 20.3821, -4.0842



Tritanopia

178.5950, 17.4547, -45.2488

Trichromacy



Original Color

179.6860, 22.8328, -43.5746

Protanomaly

184.5750, 17.9575, -19.7983

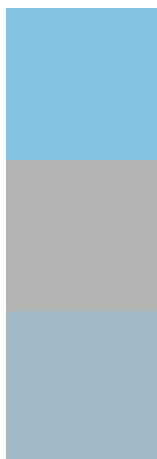
Deuteranomaly

184.7970, 21.2991, -18.2390

Tritanomaly

178.7630, 19.3438, -44.5192

Monochromacy



Original Color

179.6860, 22.8328, -43.5746

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0780, 8.3425, -15.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.6860, 22.8328, -43.5746 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(130, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(130, 196, 226)  
}
```

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(130, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 196, 226) }
```

Border

The CSS property to change the border of an element to YUV 179.6860, 22.8328, -43.5746 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(130, 196, 226) }
```


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

```
.border{ border-color:rgb(130, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(130, 196,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 179.6860, 22.8328, -43.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 196, 226) }
```

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

```
.background{ background-color: rgb(130,  
196, 226) }
```

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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