

Converting Colors

YUV(176.8710, 22.2486,
-42.8599)

Have a look what the booklet for
YUV(176.8710, 22.2486, -42.8599)
contains.

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Color

**YUV(176.8710, 22.2486,
-42.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	80C1DE
RGB	128, 193, 222
RGB Percent	50%, 76%, 87%
CMY	0.4980, 0.2431, 0.1294
CMYK	0.42, 0.13, 0.00, 0.13
HSL	199°, 59%, 69%
HSV	199°, 42%, 87%
XYZ	41.1569, 48.0030, 76.2036
YIQ	176.8710, -48.0490, -4.7610

Conversions

Conversions Part 2

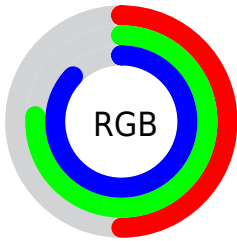
Format	Color
RYB	128, 166, 222
Decimal	8438238
CIELab	74.83, -13.22, -20.97
CIELCh	75, 24.792, 237.768
Yxy	48.0030, 0.2489, 0.2903
Android (android.graphics.Color)	4286628318 (0xFF80C1DE)
YUV	176.8710, 22.2486, -42.8599
Hunter-Lab	69.2842, -15.2132, -16.7123

Details

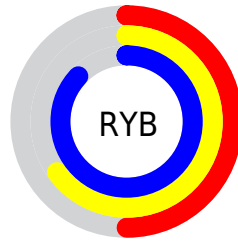
The YUV color **176.8710, 22.2486, -42.8599** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.1290, -22.2486, 42.8599**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2490, 12.2022, -40.5604**, and **122.1590, 22.1066, -43.9894** is the 20% darker color. If you saturate the color by 10%, you get **166.1840, 27.5173, -52.7814**, and if you desaturate by 10%, it is **187.5580, 16.9799, -32.9384**.

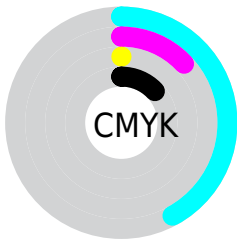
Distribution



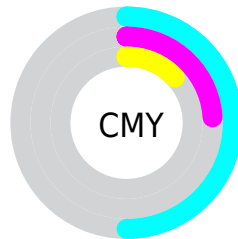
- Red (50%)
- Green (76%)
- Blue (87%)



- Red (50%)
- Yellow (65%)
- Blue (87%)



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



- Cyan (50%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8710, 22.2486, -42.8599 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 176.8710, 22.2486, -42.8599 by changing the saturation by 10% instead.

■ 176.8710, 22.2486,
-42.8599

■ 176.8710, 22.2486,
-42.8599

■ 255.0000, 0.0000,
0.0000

■ 149.4580, 21.9592,
-43.3747

■ 230.2490, 12.2022,
-40.5604

■ 122.1590, 22.1066,
-43.9894

■ 242.4420, 6.1911,
-25.8206

■ 95.4360, 21.9701,
-46.8634

■ 251.4120, 1.7689,
-7.3773

■ 65.3530, 24.4760,
-57.3146

■ 49.0020, 20.2120,
-42.9748

■ 33.4660, 16.5323,
-29.3497

■ 19.1040, 12.2737,

-16.7542

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 176.8710, 22.2486,
-42.8599

■ 176.8710, 22.2486,
-42.8599

■ 166.1840, 27.5173,
-52.7814

■ 187.5580, 16.9799,
-32.9384

■ 155.4970, 32.7860,
-62.7029

■ 198.2450, 11.7112,
-23.0169

■ 144.5110, 38.2021,
-73.2391

■ 209.2310, 6.2951,
-12.4806

■ 134.4110, 43.1814,
-83.6754

■ 219.3310, 1.3158,
-2.0443

■ 123.7240, 48.4501,
-93.5969

■ 230.0180, -3.9529,
7.8772

■ 115.7060, 52.4029,
-101.4742

■ 238.9110, -8.3371,
14.1101

■ 243.0200,
-10.3629, 10.5065

■ 247.1290,
-12.3886, 6.9029

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



174.5900, 14.9921, -48.7524



176.8710, 22.2486, -42.8599



181.9210, 23.2099, -24.4867

Triad

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



176.8710, 22.2486, -42.8599



188.1060, -0.5453, 34.9870



180.4670, -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.



176.8710, 22.2486, -42.8599



173.1290, -22.2486, 42.8599

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.



183.3770, -21.8779, 17.2094



176.8710, 22.2486, -42.8599



186.9680, -11.3232, 38.6161

Square

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



176.8710, 22.2486, -42.8599



188.1780, 10.2652, 20.8919



185.4480, -19.4479, 31.1791



177.4520, -9.0968, -22.3214

Rectangle

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



176.8710, 22.2486, -42.8599



185.0370, 20.6878, -8.8024



185.4480, -19.4479, 31.1791



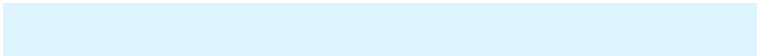
181.7560, -20.0927, 4.5990

Sweetspot

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



176.8710, 22.2486, -42.8599



239.2630, 7.7583, -15.1397



186.3700, -14.9724, -51.1905



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



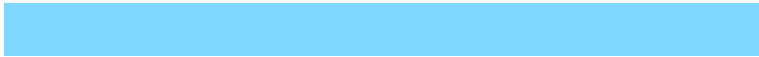
128.0000, 0.0000, 0.0000

Same Dimension

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



176.8710, 22.2486, -42.8599



192.6500, 30.7386, -59.3290



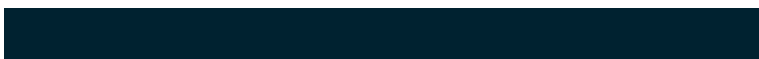
149.8690, 35.5606, -19.1791



106.9500, 2.4897, -5.2181



91.6780, 41.5707, -80.4016



25.4300, 11.1270, -22.3021

Inverse Universe

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



163.5160, 14.5356, 51.2905



174.1300, 20.1489, 70.9230



200.1310, -35.5606, 19.1791



105.2010, 1.8729, 5.9627



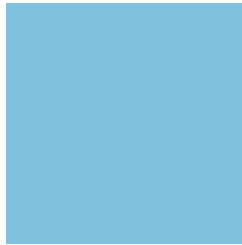
66.5320, 27.3457, 96.0034



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 176.8710, 22.2486, -42.8599 looks on a white background.

Color Contrast Check

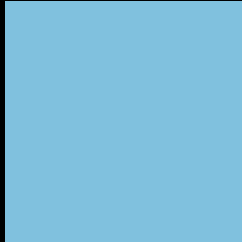
Large Text (above 18pt) WCAG AA × Fail

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 176.8710, 22.2486, -42.8599 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 176.8710, 22.2486, -42.8599

Background



This preview shows how black text looks on a background with the YUV color 176.8710, 22.2486, -42.8599.



This preview shows how white text looks on a background with the YUV color 176.8710, 22.2486, -42.8599.

-42.8599.

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

176.8710, 22.2486, -42.8599

Protanopia

184.1530, 14.7146, -6.2732

Deuteranopia

185.1300, 19.6559, -4.4990



Tritanopia

175.8940, 17.3073, -44.6340

Trichromacy



Original Color

176.8710, 22.2486, -42.8599

Protanomaly

181.4610, 17.5207, -19.6983

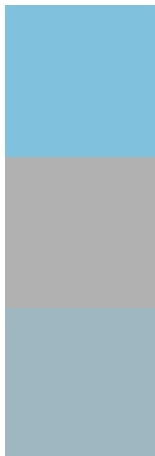
Deuteranomaly

182.2700, 20.5729, -18.6538

Tritanomaly

176.0620, 19.1964, -43.9044

Monochromacy



Original Color

176.8710, 22.2486, -42.8599

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9640, 7.9057, -15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8710, 22.2486, -42.8599 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(128, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(128, 193, 222)  
}
```

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(128, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 193, 222) }
```

Border

The CSS property to change the border of an element to YUV 176.8710, 22.2486, -42.8599 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(128, 193, 222) }
```


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

```
.border{ border-color:rgb(128, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(128, 193,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 176.8710, 22.2486, -42.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 193, 222) }
```

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

```
.background{ background-color: rgb(128,  
193, 222) }
```

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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