

Converting Colors

YUV(177.6970, 22.8274,
-41.8303)

Have a look what the booklet for
YUV(177.6970, 22.8274, -41.8303)
contains.

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Color

**YUV(177.6970, 22.8274,
-41.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	82C1E0
RGB	130, 193, 224
RGB Percent	51%, 76%, 88%
CMY	0.4902, 0.2431, 0.1216
CMYK	0.42, 0.14, 0.00, 0.12
HSL	200°, 60%, 69%
HSV	200°, 42%, 88%
XYZ	41.7304, 48.2676, 77.6382
YIQ	177.6970, -47.4990, -3.7150

Conversions

Conversions Part 2

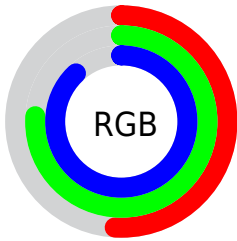
Format	Color
R _Y B	130, 168, 224
Decimal	8569312
CIE Lab	74.99, -12.19, -21.79
CIE LCh	75, 24.970, 240.775
Yxy	48.2676, 0.2489, 0.2879
Android (android.graphics.Color)	4286759392 (0xFF82C1E0)
YUV	177.6970, 22.8274, -41.8303
Hunter-Lab	69.4749, -14.3641, -17.6242

Details

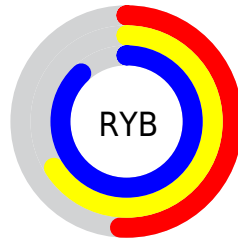
The YUV color **177.6970, 22.8274, -41.8303** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **176.3030, -22.8274, 41.8303**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8470, 11.9074, -39.3308**, and **122.9850, 22.6854, -42.9598** is the 20% darker color. If you saturate the color by 10%, you get **167.0100, 28.0961, -51.7518**, and if you desaturate by 10%, it is **188.3840, 17.5587, -31.9088**.

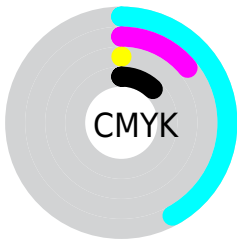
Distribution



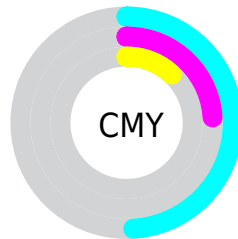
- Red (51%)
- Green (76%)
- Blue (88%)



- Red (51%)
- Yellow (66%)
- Blue (88%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6970, 22.8274, -41.8303 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 177.6970, 22.8274, -41.8303 by changing the saturation by 10% instead.

■ 177.6970, 22.8274,
-41.8303

■ 177.6970, 22.8274,
-41.8303

■ 255.0000, 0.0000,
0.0000

■ 150.2840, 22.5380,
-42.3451

■ 230.8470, 11.9074,
-39.3308

■ 122.9850, 22.6854,
-42.9598

■ 243.0400, 5.8963,
-24.5911

■ 96.5610, 22.4014,
-45.2190

■ 252.0100, 1.4741,
-6.1478

■ 65.8800, 25.2022,
-56.8998

■ 49.2300, 21.0856,
-43.1747

■ 33.5800, 16.9691,
-29.4497

■ 19.3320, 13.1473,

-16.9542

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 177.6970, 22.8274,
-41.8303

■ 177.6970, 22.8274,
-41.8303

■ 167.0100, 28.0961,
-51.7518

■ 188.3840, 17.5587,
-31.9088

■ 155.4370, 33.8016,
-61.7732

■ 199.9570, 11.8532,
-21.8873

■ 144.7500, 39.0703,
-71.6947

■ 210.6440, 6.5845,
-11.9658

■ 133.1770, 44.7757,
-81.7162

■ 222.2170, 0.8790,
-1.9443

■ 122.4900, 50.0444,
-91.6377

■ 232.9040, -4.3897,
7.9772

■ 113.5860, 54.4341,
-99.6149

■ 240.9000, -8.3317,
12.3657

■ 245.5960,
-10.6468, 8.2473

■ 249.7050,
-12.6726, 4.6437

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



174.5190, 16.0131, -49.5672



177.6970, 22.8274, -41.8303



182.6440, 23.3465, -21.6128

Triad

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



177.6970, 22.8274, -41.8303



188.1770, -1.5663, 35.8018



180.6840, -17.5922, -4.1079

Complementary

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



177.6970, 22.8274, -41.8303



176.3030, -22.8274, 41.8303

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.



183.3660, -21.8724, 15.4650



177.6970, 22.8274, -41.8303



187.3270, -12.4862, 38.3012

Square

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



177.6970, 22.8274, -41.8303



188.8470, 8.9494, 22.9362



185.9210, -20.1741, 30.7643



177.7830, -7.7810, -24.3657

Rectangle

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



177.6970, 22.8274, -41.8303



185.6460, 20.3875, -5.8285



185.9210, -20.1741, 30.7643



181.7450, -20.0873, 2.8546

Sweetspot

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



177.6970, 22.8274, -41.8303



238.6760, 8.0477, -14.6249



188.5980, -14.0988, -51.3904



117.6120, 5.1213, -9.3067



0.0000, 0.0000, 0.0000



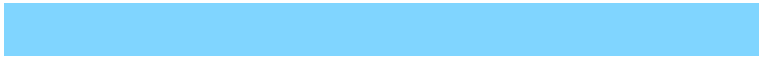
128.0000, 0.0000, 0.0000

Same Dimension

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



177.6970, 22.8274, -41.8303



192.3730, 30.8751, -56.4551



150.6950, 36.1394, -18.1495



106.3630, 2.7790, -4.7034



89.3300, 42.7283, -78.3424



24.2560, 11.7058, -21.2725

Inverse Universe

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



165.2880, 13.6620, 51.4904



175.6630, 18.4071, 69.5785



203.3050, -36.1394, 18.1495



105.0870, 1.4361, 6.0627



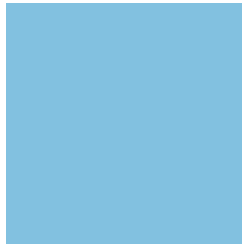
66.0760, 25.5985, 96.4033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 177.6970, 22.8274, -41.8303 looks on a white background.

Color Contrast Check

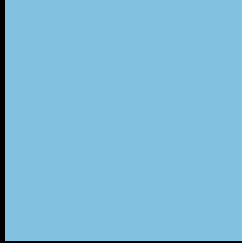
Large Text (above 18pt) WCAG AA × Fail

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 177.6970, 22.8274, -41.8303 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 177.6970, 22.8274, -41.8303

Background



This preview shows how black text looks on a background with the YUV color 177.6970, 22.8274, -41.8303.



This preview shows how white text looks on a background with the YUV color 177.6970, 22.8274, -41.8303.

-41.8303.

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

177.6970, 22.8274, -41.8303

Protanopia

184.4950, 16.0250, -6.5731

Deuteranopia

185.3580, 20.5295, -4.6990



Tritanopia

176.1930, 17.1599, -44.0193

Trichromacy



Original Color

177.6970, 22.8274, -41.8303

Protanomaly

182.1020, 18.6837, -19.3835

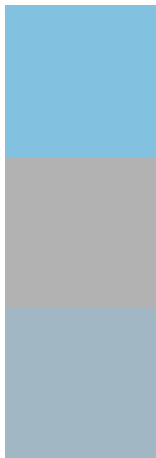
Deuteranomaly

182.7970, 21.2991, -18.2390

Tritanomaly

176.4750, 19.4858, -43.3896

Monochromacy



Original Color

177.6970, 22.8274, -41.8303

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7900, 8.4845, -14.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6970, 22.8274, -41.8303 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, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(130, 193, 224)  
}
```

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, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 193, 224) }
```

Border

The CSS property to change the border of an element to YUV 177.6970, 22.8274, -41.8303 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, 193, 224) }
```


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

```
.border{ border-color:rgb(130, 193, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 193, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(130, 193,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 177.6970, 22.8274, -41.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 193, 224) }
```

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

```
.background{ background-color: rgb(130,  
193, 224) }
```

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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