

Converting Colors

YUV(171.4960, 41.1675,
-44.2850)

Have a look what the booklet for
YUV(171.4960, 41.1675, -44.2850)
contains.

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Color

**YUV(171.4960, 41.1675,
-44.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	79B5FF
RGB	121, 181, 255
RGB Percent	47%, 71%, 100%
CMY	0.5255, 0.2902, 0.0000
CMYK	0.53, 0.29, 0.00, 0.00
HSL	213°, 100%, 74%
HSV	213°, 53%, 100%
XYZ	42.4590, 44.3327, 100.9270
YIQ	171.4960, -59.5140, 10.2940

Conversions

Conversions Part 2

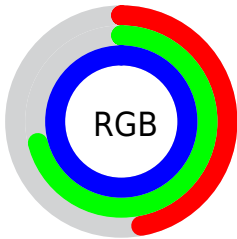
Format	Color
RYB	121, 162, 255
Decimal	7976447
CIELab	72.45, 0.97, -42.50
CIElCh	72, 42.515, 271.306
Yxy	44.3327, 0.2262, 0.2362
Android (android.graphics.Color)	4286166527 (0xFF79B5FF)
YUV	171.4960, 41.1675, -44.2850
Hunter-Lab	66.5828, -2.6927, -43.2645

Details

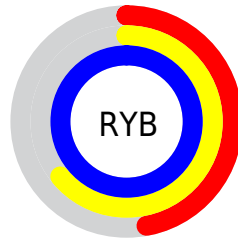
The YUV color **171.4960, 41.1675, -44.2850** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **204.5040, -41.1675, 44.2850**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0090, 16.2646, -36.8419**, and **115.6370, 40.6050, -50.5476** is the 20% darker color. If you saturate the color by 10%, you get **155.8030, 48.9041, -52.4472**, and if you desaturate by 10%, it is **187.4880, 33.2834, -35.5080**.

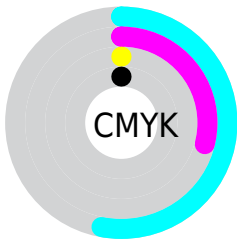
Distribution



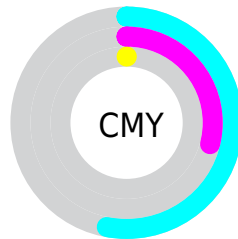
- Red (47%)
- Green (71%)
- Blue (100%)



- Red (47%)
- Yellow (64%)
- Blue (100%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4960, 41.1675, -44.2850 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 171.4960, 41.1675, -44.2850 by changing the saturation by 10% instead.

■ 171.4960, 41.1675,
-44.2850

■ 171.4960, 41.1675,
-44.2850

■ 255.0000, 0.0000,
0.0000

■ 143.3710, 40.7361,
-45.9294

■ 222.0090, 16.2646,
-36.8419

■ 115.6370, 40.6050,
-50.5476

■ 241.5450, 6.6333,
-27.6650

■ 82.8200, 42.9797,
-65.6171

■ 250.5150, 2.2111,
-9.2217

■ 63.3760, 39.7476,
-55.5808

■ 46.9110, 35.0469,
-41.1409

■ 32.2070, 29.4779,
-28.2455

■ 16.5570, 25.3614,

-14.5205

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 171.4960, 41.1675,
-44.2850

■ 171.4960, 41.1675,
-44.2850

■ 155.8030, 48.9041,
-52.4472

■ 187.4880, 33.2834,
-35.5080

■ 139.8110, 56.7882,
-61.2242

■ 203.1810, 25.5468,
-27.3457

■ 123.8190, 64.6722,
-70.0013

■ 218.8740, 17.8101,
-19.1835

■ 108.1260, 72.4089,
-78.1635

■ 234.8660, 9.9261,
-10.4065

■ 95.9880, 78.3929,
-84.1815

■ 250.8580, 2.0420,
-1.6295

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



149.3050, 47.1776, -105.5075



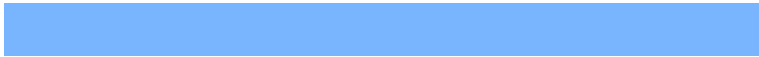
171.4960, 41.1675, -44.2850



180.8610, 31.1275, 2.7529

Triad

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



171.4960, 41.1675, -44.2850



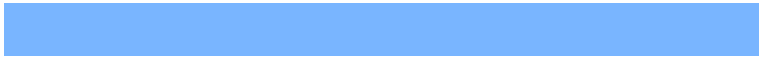
179.5320, -19.9823, 62.6774



164.0980, -12.3733, -44.8129

Complementary

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



171.4960, 41.1675, -44.2850



204.5040, -41.1675, 44.2850

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.



170.1490, -29.6535, -8.9007



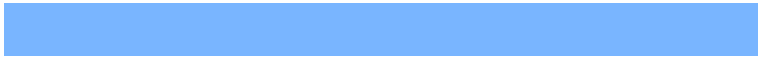
171.4960, 41.1675, -44.2850



177.3010, -33.1794, 48.8480

Square

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



171.4960, 41.1675, -44.2850



181.2170, -2.0790, 60.3227



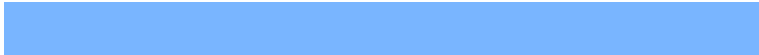
174.6970, -37.3186, 23.0677



151.1690, 13.2277, -89.6022

Rectangle

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



171.4960, 41.1675, -44.2850



182.9090, 21.7369, 28.1438



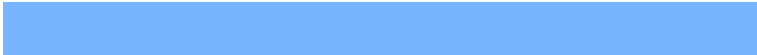
174.6970, -37.3186, 23.0677



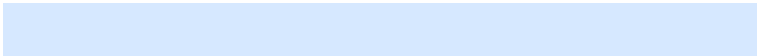
166.7530, -19.1052, -32.2324

Sweetspot

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



171.4960, 41.1675, -44.2850



229.2400, 12.6997, -13.3655



208.0940, -6.4553, -76.3814



112.3070, 7.7366, -8.1622



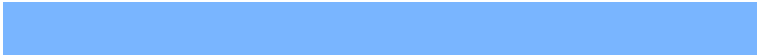
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



171.4960, 41.1675, -44.2850



154.6180, 49.4883, -53.1620



138.3690, 57.4991, -9.0936



119.4170, 4.2314, -3.8737



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Inverse Universe

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



167.9060, 6.4553, 76.3814



150.3470, 7.7169, 91.7807



237.6310, -57.4991, 9.0936



119.4570, 0.2677, 7.4922



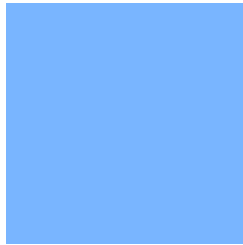
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 171.4960, 41.1675, -44.2850 looks on a white background.

Color Contrast Check

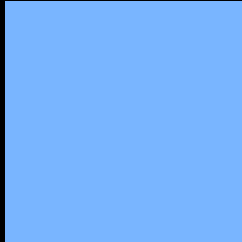
Large Text (above 18pt) WCAG AA × Fail

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 171.4960, 41.1675, -44.2850 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

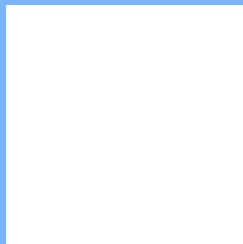
Any Text WCAG AAA ✓ Pass

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

YUV 171.4960, 41.1675, -44.2850 Background



This preview shows how black text looks on a background with the YUV color 171.4960, 41.1675, -44.2850.



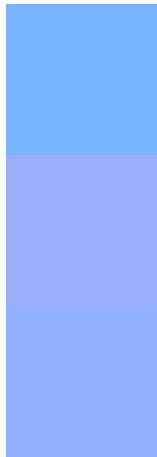
This preview shows how white text looks on a background with the YUV color 171.4960, 41.1675, -44.2850.

-44.2850.

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

171.4960, 41.1675, -44.2850

Protanopia

176.6840, 36.1448, -19.8939

Deuteranopia

176.0360, 38.9293, -26.3416



Tritanopia

166.1100, 19.6658, -54.4705

Trichromacy



Original Color

171.4960, 41.1675, -44.2850

Protanomaly

175.0850, 37.9191, -29.0155

Deuteranomaly

174.5190, 39.6771, -32.9042

Tritanomaly

168.1950, 27.5119, -51.0370

Monochromacy



Original Color

171.4960, 41.1675, -44.2850

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.5000, 15.0365, -16.2245

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4960, 41.1675, -44.2850 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, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 181, 255)  
}
```

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, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 181, 255) }
```

Border

The CSS property to change the border of an element to YUV 171.4960, 41.1675, -44.2850 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, 181, 255) }
```


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

```
.border{ border-color:rgb(121, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 181,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 171.4960, 41.1675, -44.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 181, 255) }
```

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

```
.background{ background-color: rgb(121,  
181, 255) }
```

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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