

Converting Colors

YUV(176.2760, 31.4159,
-43.2151)

Have a look what the booklet for
YUV(176.2760, 31.4159, -43.2151)
contains.

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Color

**YUV(176.2760, 31.4159,
-43.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	7FBDF0
RGB	127, 189, 240
RGB Percent	50%, 74%, 94%
CMY	0.5020, 0.2588, 0.0588
CMYK	0.47, 0.21, 0.00, 0.06
HSL	207°, 79%, 72%
HSV	207°, 47%, 94%
XYZ	42.6782, 47.1985, 89.2989
YIQ	176.2760, -53.3230, 2.7170

Conversions

Conversions Part 2

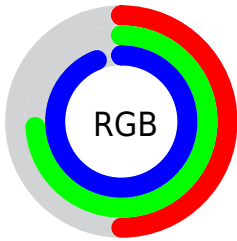
Format	Color
RYB	127, 167, 240
Decimal	8371696
CIELab	74.32, -6.42, -31.49
CIELCh	74, 32.138, 258.479
Yxy	47.1985, 0.2382, 0.2634
Android (android.graphics.Color)	4286561776 (0xFF7FBDF0)
YUV	176.2760, 31.4159, -43.2151
Hunter-Lab	68.7012, -9.3402, -28.9753

Details

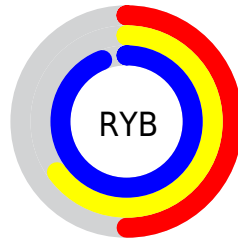
The YUV color **176.2760, 31.4159, -43.2151** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **190.7240, -31.4159, 43.2151**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9010, 13.3598, -38.5012**, and **121.4390, 30.8426, -45.9890** is the 20% darker color. If you saturate the color by 10%, you get **162.6430, 38.1370, -52.3069**, and if you desaturate by 10%, it is **189.9090, 24.6949, -34.1232**.

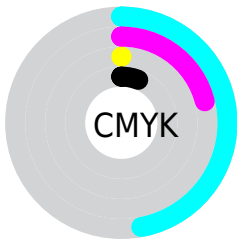
Distribution



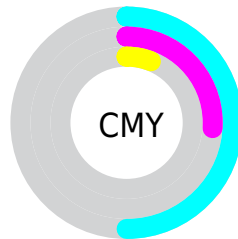
- Red (50%)
- Green (74%)
- Blue (94%)



- Red (50%)
- Yellow (65%)
- Blue (94%)



- Cyan (47%)
- Magenta (21%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2760, 31.4159, -43.2151 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 176.2760, 31.4159, -43.2151 by changing the saturation by 10% instead.

■ 176.2760, 31.4159,
-43.2151

■ 176.2760, 31.4159,
-43.2151

255.0000, 0.0000,
0.0000

■ 148.5640, 31.2739,
-44.3446

■ 227.9010, 13.3598,
-38.5012

■ 121.4390, 30.8426,
-45.9890

■ 242.7410, 6.0437,
-25.2059

■ 93.5200, 31.2956,
-51.3220

■ 251.4120, 1.7689,
-7.3773

■ 65.4160, 32.3329,
-57.3698

■ 48.9510, 27.6322,
-42.9300

■ 33.8880, 23.2262,
-29.7198

■ 18.8250, 18.8203,

-16.5095

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 176.2760, 31.4159,
-43.2151

■ 176.2760, 31.4159,
-43.2151

■ 162.6430, 38.1370,
-52.3069

■ 189.9090, 24.6949,
-34.1232

■ 149.0100, 44.8581,
-61.3988

■ 203.5420, 17.9738,
-25.0313

■ 135.9640, 51.2897,
-71.0054

■ 216.5880, 11.5421,
-15.4247

■ 122.3310, 58.0108,
-80.0973

■ 230.2210, 4.8210,
-6.3328

■ 108.6980, 64.7319,
-89.1891

■ 243.8540, -1.9000,
2.7590

■ 104.8440, 66.6319,
-91.9482

■ 252.7030, -6.2626,
2.0145

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



168.3240, 28.4343, -66.9361



176.2760, 31.4159, -43.2151



183.4480, 27.3871, -10.9169

Triad

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



176.2760, 31.4159, -43.2151



185.6750, -10.1928, 49.3970



175.3290, -15.9382, -21.3365

Complementary

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



176.2760, 31.4159, -43.2151



190.7240, -31.4159, 43.2151

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.



179.4480, -26.3499, 4.8691



176.2760, 31.4159, -43.2151



183.9550, -21.6698, 43.8895

Square

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



176.2760, 31.4159, -43.2151



187.2900, 3.8010, 40.9647



182.1350, -28.1676, 27.9456



170.5890, -0.2904, -46.9976

Rectangle

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



176.2760, 31.4159, -43.2151



186.2720, 21.0649, 10.2855



182.1350, -28.1676, 27.9456



176.9450, -20.1859, -12.2298

Sweetspot

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



176.2760, 31.4159, -43.2151



234.8440, 9.9369, -13.8952



199.1450, -10.4245, -63.2712



115.5520, 6.1369, -8.3771



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.



176.2760, 31.4159, -43.2151



172.9030, 40.4738, -55.1659



143.4040, 47.6218, -14.3863



112.8900, 3.5052, -4.2885



80.2630, 51.1423, -70.3907



24.5810, 15.4896, -21.5575

Inverse Universe

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



167.8550, 10.4245, 63.2712



162.3610, 13.1330, 81.2444



223.5960, -47.6218, 14.3863



112.2720, 0.8519, 6.7775



66.5300, 16.9937, 103.0212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 176.2760, 31.4159, -43.2151 looks on a white background.

Color Contrast Check

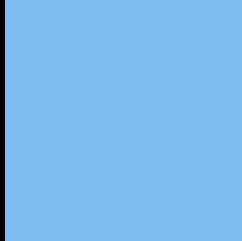
Large Text (above 18pt) WCAG AA × Fail

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 176.2760, 31.4159, -43.2151 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 176.2760, 31.4159, -43.2151 Background



This preview shows how black text looks on a background with the YUV color 176.2760, 31.4159, -43.2151.



This preview shows how white text looks on a background with the YUV color 176.2760, 31.4159, -43.2151.

-43.2151.

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

176.2760, 31.4159, -43.2151

Protanopia

182.4540, 24.9192, -12.6762

Deuteranopia

182.5940, 29.2872, -13.6759



Tritanopia

173.1000, 18.1917, -48.3227

Trichromacy



Original Color

176.2760, 31.4159, -43.2151

Protanomaly

180.0720, 27.5725, -23.7421

Deuteranomaly

180.3430, 29.9039, -24.8568

Tritanomaly

174.0770, 23.1330, -46.5485

Monochromacy



Original Color

176.2760, 31.4159, -43.2151

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1750, 11.2527, -15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2760, 31.4159, -43.2151 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(127, 189, 240)` looks like.

```
.text, #text, p{  
    color:rgb(127, 189, 240)  
}
```

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(127, 189, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 189, 240) }
```

Border

The CSS property to change the border of an element to YUV 176.2760, 31.4159, -43.2151 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

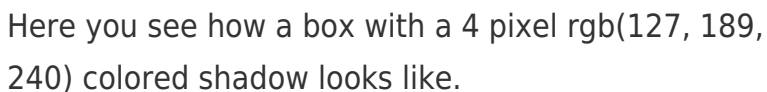
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 189, 240) }
```


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

```
.border{ border-color:rgb(127, 189, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 189, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 189, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 189, 240);  
box-shadow:4px 4px 4px 4px rgb(127, 189,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 176.2760, 31.4159, -43.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 189, 240) }
```

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

```
.background{ background-color: rgb(127,  
189, 240) }
```

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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