

Converting Colors

YUV(183.7760, 29.6904,
-49.7926)

Have a look what the booklet for
YUV(183.7760, 29.6904, -49.7926)
contains.

| | |
|--|----|
| YUV(183.7760, 29.6904, -49.7926) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(183.7760, 29.6904,
-49.7926)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FC9F4 |
| RGB | 127, 201, 244 |
| RGB Percent | 50%, 79%, 96% |
| CMY | 0.5020, 0.2118, 0.0431 |
| CMYK | 0.48, 0.18, 0.00, 0.04 |
| HSL | 202°, 84%, 73% |
| HSV | 202°, 48%, 96% |
| XYZ | 45.9682, 52.8170, 93.3599 |
| YIQ | 183.7760, -57.9070, -2.3150 |

Conversions

Conversions Part 2

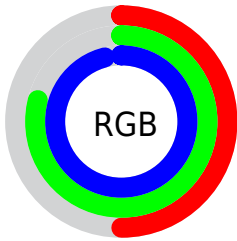
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 127, 172, 244 |
| Decimal | 8374772 |
| CIE Lab | 77.77, -11.69, -28.34 |
| CIE LCh | 78, 30.656, 247.575 |
| Yxy | 52.8170, 0.2392, 0.2749 |
| Android (android.graphics.Color) | 4286564852 (0xFF7FC9F4) |
| YUV | 183.7760, 29.6904, -49.7926 |
| Hunter-Lab | 72.6753, -14.2779, -25.2922 |

Details

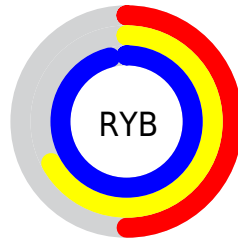
The YUV color **183.7760, 29.6904, -49.7926** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **187.2240, -29.6904, 49.7926**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **128.0530, 29.5539, -52.6665** is the 20% darker color. If you saturate the color by 10%, you get **171.3170, 35.8327, -59.9140**, and if you desaturate by 10%, it is **196.2350, 23.5481, -39.6711**.

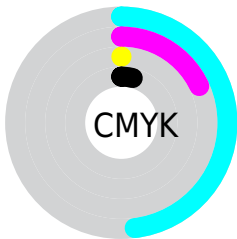
Distribution



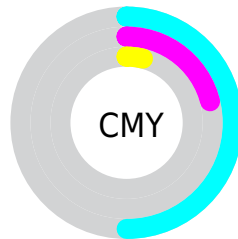
- Red (50%)
- Green (79%)
- Blue (96%)



- Red (50%)
- Yellow (67%)
- Blue (96%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (50%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.7760, 29.6904, -49.7926 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 183.7760, 29.6904, -49.7926 by changing the saturation by 10% instead.

■ 183.7760, 29.6904,
-49.7926

■ 183.7760, 29.6904,
-49.7926

255.0000, 0.0000,
0.0000

■ 155.9500, 29.1117,
-50.8221

■ 234.0700, 10.3185,
-43.0344

■ 128.0530, 29.5539,
-52.6665

■ 242.7410, 6.0437,
-25.2059

■ 98.9490, 30.5911,
-58.7143

■ 251.7110, 1.6215,
-6.7625

■ 72.2150, 30.4600,
-63.3326

■ 55.2770, 26.4854,
-48.4779

■ 38.9260, 22.2215,
-34.1381

■ 24.5640, 17.9629,

-21.5426

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 183.7760, 29.6904,
-49.7926

■ 183.7760, 29.6904,
-49.7926

■ 171.3170, 35.8327,
-59.9140

■ 196.2350, 23.5481,
-39.6711

■ 158.5590, 42.1224,
-70.6502

■ 208.9930, 17.2585,
-28.9349

■ 146.1000, 48.2647,
-80.7717

■ 221.4520, 11.1162,
-18.8134

■ 133.3420, 54.5544,
-91.5079

■ 234.2100, 4.8265,
-8.0772

■ 120.8830, 60.6967,
-101.6294

■ 246.6690, -1.3158,
2.0443

■ 118.2140, 62.0125,
-103.6737

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



178.0810, 23.6241, -64.0920



183.7760, 29.6904, -49.7926



190.6100, 28.2933, -21.5830

Triad

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



183.7760, 29.6904, -49.7926



196.0320, -4.9458, 46.4529



186.6570, -20.0439, -11.1002

Complementary

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



183.7760, 29.6904, -49.7926



187.2240, -29.6904, 49.7926

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.



190.0900, -26.6664, 13.0761



183.7760, 29.6904, -49.7926



194.7040, -17.6021, 45.8636

Square

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



183.7760, 29.6904, -49.7926



196.9130, 8.9169, 33.4023



192.4500, -25.8579, 33.8083



182.4610, -6.1433, -36.3613

Rectangle

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



183.7760, 29.6904, -49.7926



194.4770, 23.4288, -1.2953



192.4500, -25.8579, 33.8083



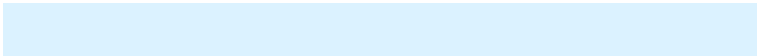
187.6150, -22.9812, -2.2934

Sweetspot

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



183.7760, 29.6904, -49.7926



236.6050, 9.0687, -15.4396



200.5810, -15.0764, -64.5305



116.7260, 5.5581, -9.4067



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.



183.7760, 29.6904, -49.7926



179.0500, 37.4434, -63.1878



149.7300, 46.4751, -19.9342



116.0640, 2.9264, -5.3181



90.4700, 47.0963, -79.3422



28.4450, 15.0636, -24.9463

Inverse Universe

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



170.4190, 15.0764, 64.5305



161.9680, 19.2428, 81.5891



221.2700, -46.4751, 19.9342



114.5000, 1.7255, 6.5775



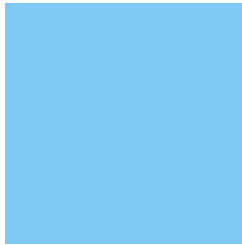
69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 183.7760, 29.6904, -49.7926 looks on a white background.

Color Contrast Check

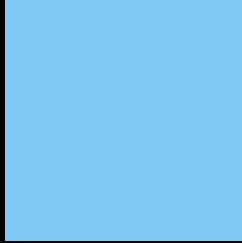
Large Text (above 18pt) WCAG AA × Fail

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 183.7760, 29.6904, -49.7926 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 183.7760, 29.6904, -49.7926

Background



This preview shows how black text looks on a background with the YUV color 183.7760, 29.6904, -49.7926.



This preview shows how white text looks on a background with the YUV color 183.7760, 29.6904, -49.7926.

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

183.7760, 29.6904, -49.7926

Protanopia

191.9660, 21.7088, -9.6172

Deuteranopia

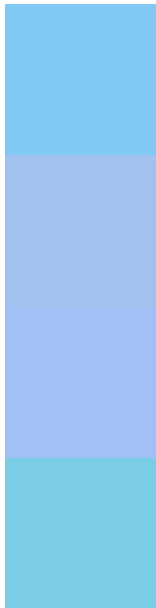
192.3340, 26.9503, -10.8169



Tritanopia

181.4090, 19.5184, -53.8557

Trichromacy



Original Color

183.7760, 29.6904, -49.7926

Protanomaly

188.6760, 24.8097, -24.2719

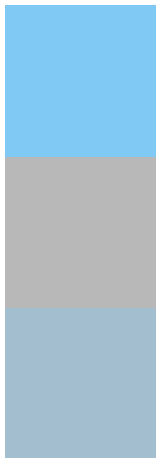
Deuteranomaly

189.4740, 27.8673, -24.9717

Tritanomaly

182.6310, 22.8599, -52.2964

Monochromacy



Original Color

183.7760, 29.6904, -49.7926

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.7510, 10.9688, -18.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.7760, 29.6904, -49.7926 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, 201, 244)` looks like.

```
.text, #text, p{  
    color:rgb(127, 201, 244)  
}
```

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, 201, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 201, 244) }
```

Border

The CSS property to change the border of an element to YUV 183.7760, 29.6904, -49.7926 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, 201, 244) }
```


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

```
.border{ border-color:rgb(127, 201, 244) }
```

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

Here you see how a box with a 4 pixel rgb(127, 201, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 201, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 201, 244);  
box-shadow:4px 4px 4px 4px rgb(127, 201,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 183.7760, 29.6904, -49.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 201, 244) }
```

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

```
.background{ background-color: rgb(127,  
201, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor