

Converting Colors

YUV(187.9980, 29.5810,
-61.3882)

Have a look what the booklet for
YUV(187.9980, 29.5810, -61.3882)
contains.

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Color

**YUV(187.9980, 29.5810,
-61.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	76D4F8
RGB	118, 212, 248
RGB Percent	46%, 83%, 97%
CMY	0.5373, 0.1686, 0.0275
CMYK	0.52, 0.15, 0.00, 0.03
HSL	197°, 90%, 72%
HSV	197°, 52%, 97%
XYZ	47.9580, 57.7158, 97.4196
YIQ	187.9980, -67.5800, -8.7320

Conversions

Conversions Part 2

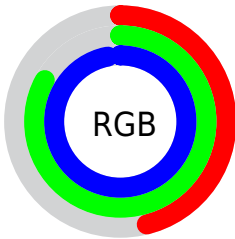
Format	Color
R _Y B	118, 173, 248
Decimal	7787768
CIE Lab	80.58, -18.24, -26.20
CIE LCh	81, 31.925, 235.157
Yxy	57.7158, 0.2361, 0.2842
Android (android.graphics.Color)	4285977848 (0xFF76D4F8)
YUV	187.9980, 29.5810, -61.3882
Hunter-Lab	75.9709, -20.2679, -22.8495

Details

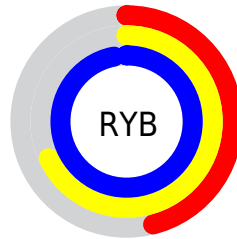
The YUV color **187.9980, 29.5810, -61.3882** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **178.0020, -29.5810, 61.3882**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **129.8940, 30.6183, -67.4360** is the 20% darker color. If you saturate the color by 10%, you get **176.4140, 35.2919, -73.1541**, and if you desaturate by 10%, it is **199.5820, 23.8701, -49.6224**.

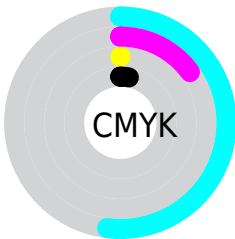
Distribution



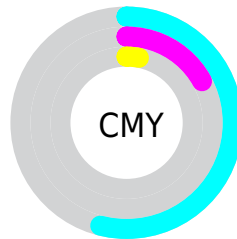
- Red (46%)
- Green (83%)
- Blue (97%)



- Red (46%)
- Yellow (68%)
- Blue (97%)



- Cyan (52%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (54%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9980, 29.5810, -61.3882 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 187.9980, 29.5810, -61.3882 by changing the saturation by 10% instead.

■ 187.9980, 29.5810,
-61.3882

■ 187.9980, 29.5810,
-61.3882

■ 255.0000, 0.0000,
0.0000

■ 158.9870, 29.5864,
-63.1326

■ 231.6780, 11.4977,
-47.9526

■ 129.8940, 30.6183,
-67.4360

■ 240.6480, 7.0755,
-29.5093

■ 95.5930, 33.7247,
-83.8351

■ 249.6180, 2.6533,
-11.0660

■ 77.9540, 29.6027,
-68.3657

■ 60.9020, 25.1913,
-53.4111

■ 44.0780, 21.6535,
-38.6564

■ 29.0150, 17.2476,

-25.4462

■ 8.8970, 16.3198,
-7.8027

■ 2.9810, 8.8834,
-2.6143

■ 187.9980, 29.5810,
-61.3882

■ 187.9980, 29.5810,
-61.3882

■ 176.4140, 35.2919,
-73.1541

■ 199.5820, 23.8701,
-49.6224

■ 164.8300, 41.0028,
-84.9199

■ 211.1660, 18.1592,
-37.8566

■ 153.5450, 46.5663,
-96.0710

■ 222.4510, 12.5957,
-26.7055

■ 142.5480, 51.9878,
-108.3516

■ 233.4480, 7.1741,
-14.4249

■ 133.3450, 56.5249,
-116.9436

■ 245.0320, 1.4632,
-2.6591

■ 253.0280, -2.4788,
1.7294

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

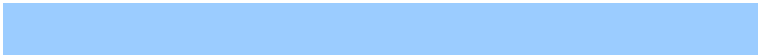
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184.6200, 19.4143, -67.1957



187.9980, 29.5810, -61.3882



195.1630, 29.4996, -35.2230

Triad

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



187.9980, 29.5810, -61.3882



204.2150, 0.8800, 44.5384



195.7570, -25.0232, -0.6639

Complementary

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



187.9980, 29.5810, -61.3882



178.0020, -29.5810, 61.3882

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.



198.7000, -28.4461, 23.9421



187.9980, 29.5810, -61.3882



201.3820, -12.5133, 47.0230

Square

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



187.9980, 29.5810, -61.3882



204.6500, 14.4696, 25.7400



200.9610, -24.1378, 42.1302



191.9800, -13.3011, -27.1695

Rectangle

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



187.9980, 29.5810, -61.3882



200.3120, 26.9612, -14.3056



200.9610, -24.1378, 42.1302



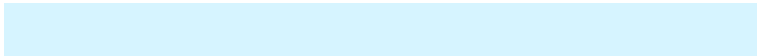
196.9430, -27.0869, 7.9430

Sweetspot

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



187.9980, 29.5810, -61.3882



236.2840, 9.2270, -19.5431



198.3000, -22.3329, -70.4231



116.4160, 5.7109, -11.7658



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.



187.9980, 29.5810, -61.3882



181.0330, 36.4657, -76.3279



150.4300, 48.1020, -28.4411



118.7650, 3.0739, -5.9329



101.3780, 43.1976, -88.9085



32.7820, 13.9115, -28.7498

Inverse Universe

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



167.5860, 21.8961, 70.5231



155.4770, 27.3728, 87.2817



215.5700, -48.1020, 28.4411



116.9130, 2.0149, 7.0923



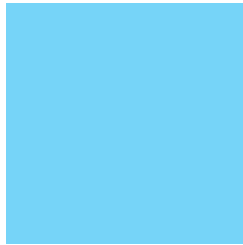
72.0150, 31.5446, 102.5958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 187.9980, 29.5810, -61.3882 looks on a white background.

Color Contrast Check

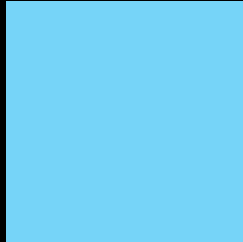
Large Text (above 18pt) WCAG AA × Fail

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 187.9980, 29.5810, -61.3882 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

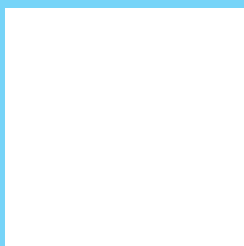
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 187.9980, 29.5810, -61.3882

Background



This preview shows how black text looks on a background with the YUV color 187.9980, 29.5810, -61.3882.



This preview shows how white text looks on a background with the YUV color 187.9980, 29.5810, -61.3882.

-61.3882.

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

187.9980, 29.5810, -61.3882

Protanopia

199.5810, 18.9406, -8.4025

Deuteranopia

200.3020, 25.4871, -8.1579



Tritanopia

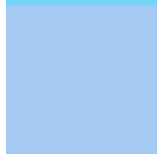
186.1410, 22.6085, -65.0217

Trichromacy



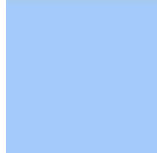
Original Color

187.9980, 29.5810, -61.3882



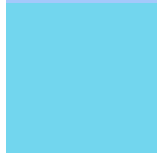
Protanomaly

195.1980, 23.0734, -27.3606



Deuteranomaly

195.6370, 27.2940, -27.7456



Tritanomaly

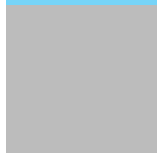
186.8360, 25.2239, -63.8772

Monochromacy



Original Color

187.9980, 29.5810, -61.3882



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.3160, 10.6902, -22.2021

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9980, 29.5810, -61.3882 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(118, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(118, 212, 248)  
}
```

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(118, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 212, 248) }
```

Border

The CSS property to change the border of an element to YUV 187.9980, 29.5810, -61.3882 is called "border".

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

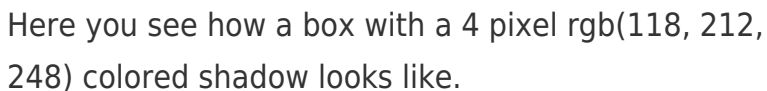
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 212, 248) }
```


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

```
.border{ border-color:rgb(118, 212, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 212, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 212, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 212, 248); box-shadow:4px 4px 4px 4px rgb(118, 212, 248) }
```

Background

The CSS property to change the background color of an element to YUV 187.9980, 29.5810, -61.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 212, 248) }
```

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

```
.background{ background-color: rgb(118,  
212, 248) }
```

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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