

Converting Colors

YUV(187.2810, 30.4275,
-52.8664)

Have a look what the booklet for
YUV(187.2810, 30.4275, -52.8664)
contains.

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Color

**YUV(187.2810, 30.4275,
-52.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCEF9
RGB	127, 206, 249
RGB Percent	50%, 81%, 98%
CMY	0.5020, 0.1922, 0.0235
CMYK	0.49, 0.17, 0.00, 0.02
HSL	201°, 91%, 74%
HSV	201°, 49%, 98%
XYZ	47.9226, 55.4942, 97.8082
YIQ	187.2810, -60.8870, -3.3750

Conversions

Conversions Part 2

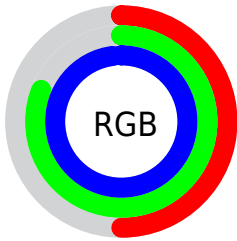
Format	Color
RYB	127, 175, 249
Decimal	8376057
CIELab	79.33, -12.93, -28.62
CIElCh	79, 31.405, 245.695
Yxy	55.4942, 0.2382, 0.2758
Android (android.graphics.Color)	4286566137 (0xFF7FCEF9)
YUV	187.2810, 30.4275, -52.8664
Hunter-Lab	74.4944, -15.5354, -25.6993

Details

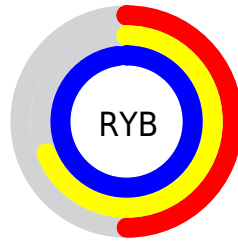
The YUV color **187.2810, 30.4275, -52.8664** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **188.7190, -30.4275, 52.8664**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0700, 10.3185, -43.0344**, and **131.1450, 30.0015, -56.2552** is the 20% darker color. If you saturate the color by 10%, you get **174.5230, 36.7172, -63.6027**, and if you desaturate by 10%, it is **200.0390, 24.1378, -42.1302**.

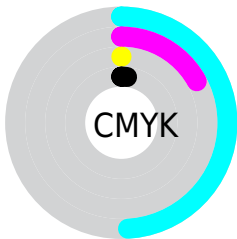
Distribution



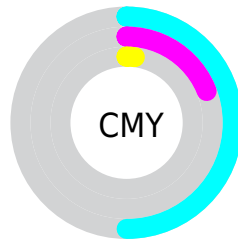
- Red (50%)
- Green (81%)
- Blue (98%)



- Red (50%)
- Yellow (69%)
- Blue (98%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.2810, 30.4275, -52.8664 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 187.2810, 30.4275, -52.8664 by changing the saturation by 10% instead.

■ 187.2810, 30.4275,
-52.8664

■ 187.2810, 30.4275,
-52.8664

255.0000, 0.0000,
0.0000

■ 158.8680, 30.1381,
-53.3812

■ 234.0700, 10.3185,
-43.0344

■ 131.1450, 30.0015,
-56.2552

■ 243.0400, 5.8963,
-24.5911

■ 101.4430, 31.3336,
-63.5325

■ 252.0100, 1.4741,
-6.1478

■ 75.1330, 31.4864,
-65.8916

■ 58.0810, 27.0751,
-50.9370

■ 41.7300, 22.8111,
-36.5972

■ 26.7810, 18.8420,

-23.4869

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 187.2810, 30.4275,
-52.8664

■ 187.2810, 30.4275,
-52.8664

■ 174.5230, 36.7172,
-63.6027

■ 200.0390, 24.1378,
-42.1302

■ 161.7650, 43.0069,
-74.3389

■ 212.7970, 17.8481,
-31.3940

■ 149.5940, 49.0072,
-85.5899

■ 224.9680, 11.8478,
-20.1429

■ 136.8360, 55.2969,
-96.3262

■ 237.7260, 5.5581,
-9.4067

■ 124.3770, 61.4391,
-106.4476

■ 250.4840, -0.7316,
1.3295

■ 122.8930, 62.1708,
-107.7772

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



181.7710, 23.7769, -66.4512



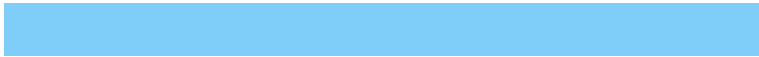
187.2810, 30.4275, -52.8664



194.5280, 29.3197, -24.1421

Triad

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



187.2810, 30.4275, -52.8664



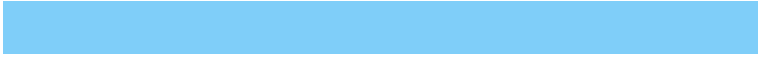
200.5590, -4.2196, 46.8678



191.0270, -21.2123, -9.6707

Complementary

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



187.2810, 30.4275, -52.8664



188.7190, -30.4275, 52.8664

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.



194.1720, -27.6928, 15.6352



187.2810, 30.4275, -52.8664



198.8290, -17.1707, 47.5080

Square

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



187.2810, 30.4275, -52.8664



201.1410, 9.7905, 33.2023



197.3470, -26.3001, 35.6527



187.1190, -7.4537, -36.0614

Rectangle

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



187.2810, 30.4275, -52.8664



198.2210, 25.0340, -2.8248



197.3470, -26.3001, 35.6527



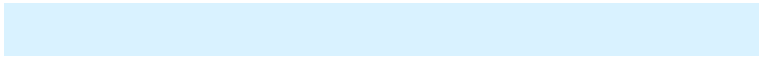
191.9850, -24.1496, -0.8638

Sweetspot

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



187.2810, 30.4275, -52.8664



236.0070, 9.3635, -16.6691



203.5160, -16.5234, -67.1045



115.8400, 5.9949, -9.5067



0.0000, 0.0000, 0.0000



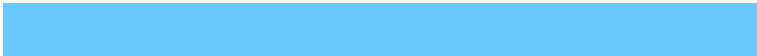
128.0000, 0.0000, 0.0000

Same Dimension

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



187.2810, 30.4275, -52.8664



179.0390, 37.4488, -64.9322



151.4740, 48.0803, -21.4637



118.7650, 3.0739, -5.9329



93.1600, 47.2491, -81.7013



30.4340, 15.0690, -26.6906

Inverse Universe

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



172.4840, 16.5234, 67.1045



160.9080, 20.2584, 82.5187



224.5260, -48.0803, 21.4637



116.9130, 2.0149, 7.0923



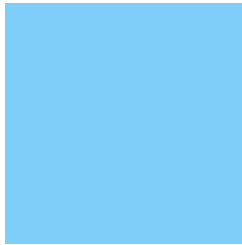
70.4190, 25.4294, 103.9955



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 187.2810, 30.4275, -52.8664 looks on a white background.

Color Contrast Check

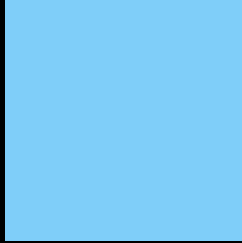
Large Text (above 18pt) WCAG AA × Fail

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 187.2810, 30.4275, -52.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

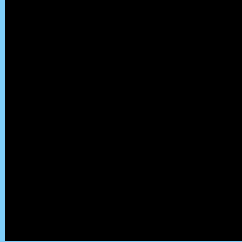
Any Text WCAG AA ✓ Pass

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 187.2810, 30.4275, -52.8664 Background



This preview shows how black text looks on a background with the YUV color 187.2810, 30.4275, -52.8664.



This preview shows how white text looks on a background with the YUV color 187.2810, 30.4275, -52.8664.

-52.8664.

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

187.2810, 30.4275, -52.8664

Protanopia

196.5530, 21.4194, -10.1320

Deuteranopia

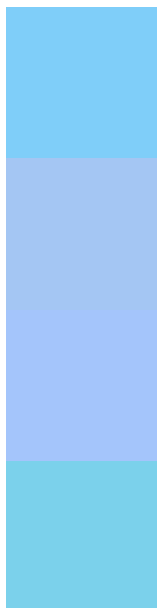
196.7470, 27.2397, -10.3021



Tritanopia

185.0280, 20.6922, -57.0296

Trichromacy



Original Color

187.2810, 30.4275, -52.8664

Protanomaly

192.9640, 24.6677, -25.4014

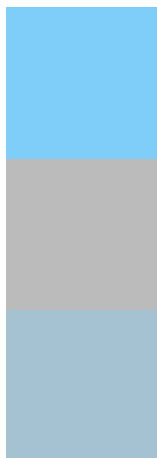
Deuteranomaly

193.2890, 28.4515, -25.6865

Tritanomaly

186.2500, 24.0338, -55.4702

Monochromacy



Original Color

187.2810, 30.4275, -52.8664

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.2810, 30.4275, -52.8664 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, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(127, 206, 249)  
}
```

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, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 206, 249) }
```

Border

The CSS property to change the border of an element to YUV 187.2810, 30.4275, -52.8664 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, 206, 249) }
```


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

```
.border{ border-color:rgb(127, 206, 249) }
```

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

Here you see how a box with a 4 pixel rgb(127, 206, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(127, 206,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 187.2810, 30.4275, -52.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 206, 249) }
```

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

```
.background{ background-color: rgb(127,  
206, 249) }
```

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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