

Converting Colors

YUV(183.8190, 27.6972,
-63.8623)

Have a look what the booklet for
YUV(183.8190, 27.6972, -63.8623)
contains.

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Color

**YUV(183.8190, 27.6972,
-63.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD2F0
RGB	111, 210, 240
RGB Percent	44%, 82%, 94%
CMY	0.5647, 0.1765, 0.0588
CMYK	0.54, 0.13, 0.00, 0.06
HSL	194°, 81%, 69%
HSV	194°, 54%, 94%
XYZ	45.3303, 55.7640, 90.8124
YIQ	183.8190, -68.6340, -11.6580

Conversions

Conversions Part 2

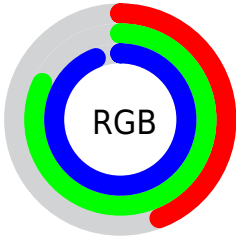
Format	Color
R _Y B	111, 167, 240
Decimal	7328496
CIE Lab	79.48, -20.90, -23.64
CIE LCh	79, 31.554, 228.522
Yxy	55.7640, 0.2362, 0.2906
Android (android.graphics.Color)	4285518576 (0xFF6FD2F0)
YUV	183.8190, 27.6972, -63.8623
Hunter-Lab	74.6753, -22.3264, -19.8297

Details

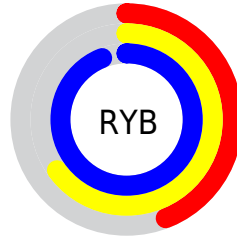
The YUV color **183.8190, 27.6972, -63.8623** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **167.1810, -27.6972, 63.8623**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **125.1170, 29.0293, -71.1396** is the 20% darker color. If you saturate the color by 10%, you get **173.1210, 32.9713, -75.5281**, and if you desaturate by 10%, it is **194.5170, 22.4231, -52.1964**.

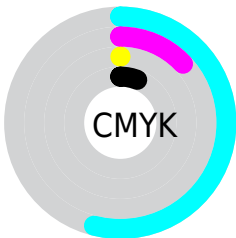
Distribution



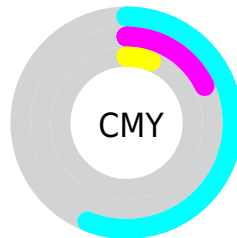
- Red (44%)
- Green (82%)
- Blue (94%)



- Red (44%)
- Yellow (65%)
- Blue (94%)



- Cyan (54%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8190, 27.6972, -63.8623 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 183.8190, 27.6972, -63.8623 by changing the saturation by 10% instead.

183.8190, 27.6972,
-63.8623

183.8190, 27.6972,
-63.8623

255.0000, 0.0000,
0.0000

154.9220, 28.1395,
-65.7066

229.8840, 12.3822,
-51.6413

125.1170, 29.0293,
-71.1396

238.5550, 8.1074,
-33.8127

93.6210, 31.2458,
-82.1056

247.5250, 3.6852,
-15.3694

75.9820, 27.1239,
-66.6362

59.0440, 23.1493,
-51.7816

42.1060, 19.1747,
-36.9270

27.1570, 15.2056,

-23.8167

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 183.8190, 27.6972,
-63.8623

■ 183.8190, 27.6972,
-63.8623

■ 173.1210, 32.9713,
-75.5281

■ 194.5170, 22.4231,
-52.1964

■ 163.0100, 37.9561,
-87.7088

■ 204.6280, 17.4384,
-40.0158

■ 152.3120, 43.2302,
-99.3746

■ 215.3260, 12.1643,
-28.3499

■ 142.2010, 48.2149,
-111.5553

■ 225.4370, 7.1796,
-16.1692

■ 135.3680, 51.5836,
-118.7177

■ 236.1350, 1.9054,
-4.5034

■ 246.2460, -3.0793,
7.6773

■ 249.7680, -4.8156,
4.5885

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

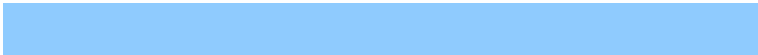
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.8330, 16.3513, -64.7515



183.8190, 27.6972, -63.8623



190.8740, 31.1211, -41.9855

Triad

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



183.8190, 27.6972, -63.8623



201.2900, 3.8010, 40.9647



193.5620, -25.9131, 4.7691

Complementary

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



183.8190, 27.6972, -63.8623



167.1810, -27.6972, 63.8623

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.



196.2490, -27.7308, 27.8456



183.8190, 27.6972, -63.8623



200.0770, -9.8980, 48.1675

Square

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



183.8190, 27.6972, -63.8623



201.0020, 17.2540, 19.2922



198.8410, -22.1066, 43.9894



189.6280, -16.0856, -20.7218

Rectangle

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



183.8190, 27.6972, -63.8623



196.1370, 29.0195, -21.1681



198.8410, -22.1066, 43.9894



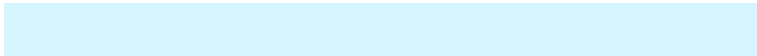
194.8620, -27.5400, 13.2760

Sweetspot

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



183.8190, 27.6972, -63.8623



237.4580, 8.6482, -20.5727



189.9150, -25.1011, -69.2085



117.0030, 5.4215, -12.2806



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.



183.8190, 27.6972, -63.8623



182.4730, 35.7558, -81.9758



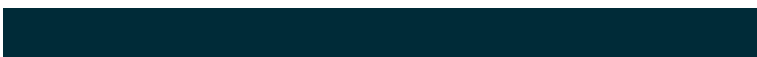
147.4250, 45.6395, -31.9447



114.6510, 2.6371, -5.8329



103.7430, 39.5667, -90.9826



31.6250, 12.0169, -27.7351

Inverse Universe

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



160.8570, 24.2275, 69.4084



153.1120, 31.0038, 89.3558



203.5750, -45.6395, 31.9447



112.6140, 2.1623, 6.4775



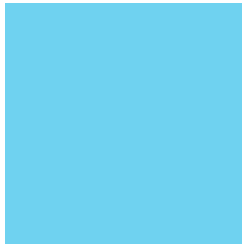
71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285

Previews

White Background



This preview shows how the YUV color 183.8190, 27.6972, -63.8623 looks on a white background.

Color Contrast Check

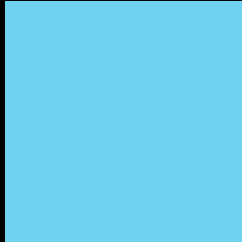
Large Text (above 18pt) WCAG AA × Fail

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 183.8190, 27.6972, -63.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

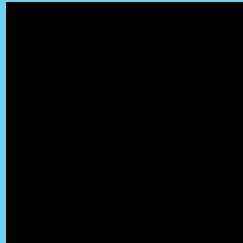
Any Text WCAG AA ✓ Pass

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 183.8190, 27.6972, -63.8623 Background



This preview shows how black text looks on a background with the YUV color 183.8190, 27.6972, -63.8623.



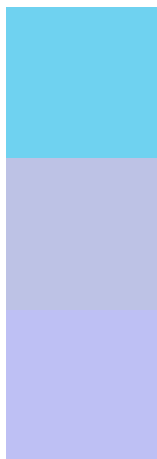
This preview shows how white text looks on a background with the YUV color 183.8190, 27.6972, -63.8623.

-63.8623.

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

183.8190, 27.6972, -63.8623

Protanopia

196.4950, 16.0250, -6.5731

Deuteranopia

197.3300, 23.0083, -6.4284



Tritanopia

182.5430, 22.9033, -66.2512

Trichromacy



Original Color

183.8190, 27.6972, -63.8623

Protanomaly

192.1010, 20.1632, -27.2756

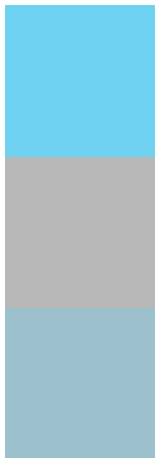
Deuteranomaly

192.6540, 24.8206, -27.7606

Tritanomaly

182.7110, 24.7925, -65.5215

Monochromacy



Original Color

183.8190, 27.6972, -63.8623

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.4900, 10.1114, -23.2317

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8190, 27.6972, -63.8623 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(111, 210, 240)` looks like.

```
.text, #text, p{  
    color:rgb(111, 210, 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(111, 210, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 210, 240) }
```

Border

The CSS property to change the border of an element to YUV 183.8190, 27.6972, -63.8623 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(111, 210, 240) }
```


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

```
.border{ border-color:rgb(111, 210, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 210, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 210, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 210, 240);  
box-shadow:4px 4px 4px 4px rgb(111, 210,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 183.8190, 27.6972, -63.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 210, 240) }
```

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

```
.background{ background-color: rgb(111,  
210, 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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