

Converting Colors

YUV(185.2820, 25.4970,
-58.1293)

Have a look what the booklet for
YUV(185.2820, 25.4970, -58.1293)
contains.

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Color

**YUV(185.2820, 25.4970,
-58.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	77D1ED
RGB	119, 209, 237
RGB Percent	47%, 82%, 93%
CMY	0.5333, 0.1804, 0.0706
CMYK	0.50, 0.12, 0.00, 0.07
HSL	194°, 77%, 70%
HSV	194°, 50%, 93%
XYZ	45.6943, 55.6373, 88.4515
YIQ	185.2820, -62.6280, -10.3720

Conversions

Conversions Part 2

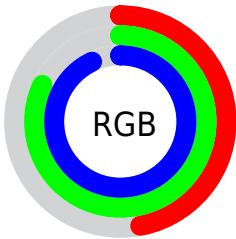
Format	Color
RYB	119, 170, 237
Decimal	7852525
CIELab	79.41, -19.55, -22.12
CIELCh	79, 29.518, 228.536
Yxy	55.6373, 0.2408, 0.2932
Android (android.graphics.Color)	4286042605 (0xFF77D1ED)
YUV	185.2820, 25.4970, -58.1293
Hunter-Lab	74.5904, -21.1837, -18.0945

Details

The YUV color **185.2820, 25.4970, -58.1293** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **170.7180, -25.4970, 58.1293**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **128.0750, 26.0920, -62.3328** is the 20% darker color. If you saturate the color by 10%, you get **174.5840, 30.7711, -69.7952**, and if you desaturate by 10%, it is **195.9800, 20.2229, -46.4635**.

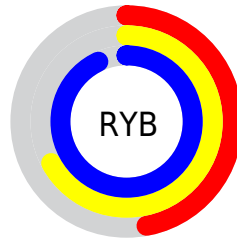
Distribution



Red (47%)

Green (82%)

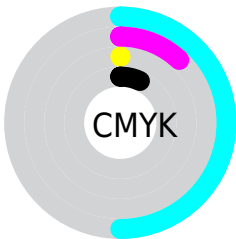
Blue (93%)



Red (47%)

Yellow (67%)

Blue (93%)

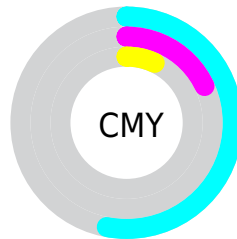


Cyan (50%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.2820, 25.4970, -58.1293 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 185.2820, 25.4970, -58.1293 by changing the saturation by 10% instead.

185.2820, 25.4970,
-58.1293

185.2820, 25.4970,
-58.1293

255.0000, 0.0000,
0.0000

156.6840, 25.7918,
-59.3589

231.6780, 11.4977,
-47.9526

128.0750, 26.0920,
-62.3328

240.6480, 7.0755,
-29.5093

95.6820, 28.7508,
-75.1431

249.6180, 2.6533,
-11.0660

75.0530, 26.1029,
-65.8215

58.1150, 22.1283,
-50.9669

41.8780, 18.3011,
-36.7270

26.3420, 14.6214,

-23.1019

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 185.2820, 25.4970,
-58.1293

■ 185.2820, 25.4970,
-58.1293

■ 174.5840, 30.7711,
-69.7952

■ 195.9800, 20.2229,
-46.4635

■ 164.7720, 35.6084,
-81.3610

■ 205.7920, 15.3855,
-34.8976

■ 154.0740, 40.8825,
-93.0269

■ 216.4900, 10.1114,
-23.2317

■ 143.9630, 45.8672,
-105.2076

■ 226.6010, 5.1267,
-11.0511

■ 133.2650, 51.1414,
-116.8734

■ 237.0000, 0.0000,
0.0000

■ 245.9040, -4.3897,
7.9772

■ 248.8390, -5.8366,
5.4032

■ 252.3610, -7.5730,
2.3144

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



183.4100, 14.5879, -59.1186



185.2820, 25.4970, -58.1293



191.3260, 28.9263, -37.9969

Triad

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



185.2820, 25.4970, -58.1293



201.4530, 3.2277, 38.1907



193.3170, -24.3133, 4.9840

Complementary

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



185.2820, 25.4970, -58.1293



170.7180, -25.4970, 58.1293

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.



195.9930, -26.1255, 26.3161



185.2820, 25.4970, -58.1293



200.1800, -9.4557, 46.3231

Square

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



185.2820, 25.4970, -58.1293



200.9480, 15.8016, 18.4626



198.8730, -20.6434, 41.3304



189.9810, -14.7806, -19.2773

Rectangle

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



185.2820, 25.4970, -58.1293



196.2790, 26.9775, -19.5387



198.8730, -20.6434, 41.3304



194.3180, -25.7928, 12.8761

Sweetspot

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



185.2820, 25.4970, -58.1293



238.3550, 8.2060, -18.7283



191.4580, -21.9178, -63.5457



117.6010, 5.1267, -11.0511



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.



185.2820, 25.4970, -58.1293



188.1210, 32.9713, -75.5281



150.6490, 42.5710, -27.7562



112.5370, 2.2003, -5.7329



101.6400, 39.1245, -89.1383



30.2230, 11.7221, -26.5056

Inverse Universe

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



164.5420, 21.9178, 63.5457



161.0850, 28.5521, 82.3635



205.3510, -42.5710, 27.7562



110.3150, 2.3097, 5.8627



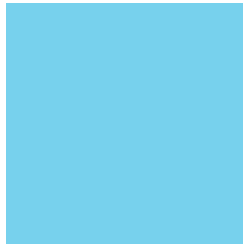
69.8510, 33.5975, 97.4777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 185.2820, 25.4970, -58.1293 looks on a white background.

Color Contrast Check

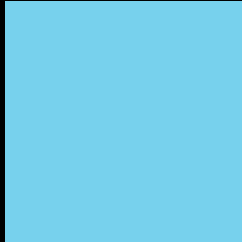
Large Text (above 18pt) WCAG AA × Fail

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 185.2820, 25.4970, -58.1293 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 185.2820, 25.4970, -58.1293

Background



This preview shows how black text looks on a background with the YUV color 185.2820, 25.4970, -58.1293.



This preview shows how white text looks on a background with the YUV color 185.2820, 25.4970, -58.1293.

-58.1293.

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

185.2820, 25.4970, -58.1293

Protanopia

196.5660, 15.0040, -5.7584

Deuteranopia

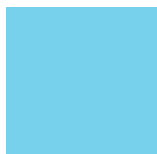
197.5860, 21.4031, -4.8989



Tritanopia

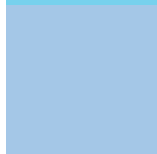
184.5330, 21.4292, -60.1034

Trichromacy



Original Color

185.2820, 25.4970, -58.1293



Protanomaly

192.1830, 19.1368, -24.7165



Deuteranomaly

192.9210, 23.2099, -24.4867



Tritanomaly

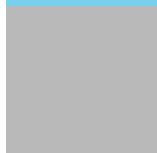
184.5870, 22.8816, -59.2738

Monochromacy



Original Color

185.2820, 25.4970, -58.1293



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.2730, 9.2324, -21.2874

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.2820, 25.4970, -58.1293 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(119, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(119, 209, 237)  
}
```

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(119, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 209, 237) }
```

Border

The CSS property to change the border of an element to YUV 185.2820, 25.4970, -58.1293 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(119, 209, 237) }
```


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

```
.border{ border-color:rgb(119, 209, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 209, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(119, 209,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 185.2820, 25.4970, -58.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 209, 237) }
```

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

```
.background{ background-color: rgb(119,  
209, 237) }
```

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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