

Converting Colors

YUV(185.1580, 30.4881,
-25.5716)

Have a look what the booklet for
YUV(185.1580, 30.4881, -25.5716)
contains.

YUV(185.1580, 30.4881, -25.5716)	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(185.1580, 30.4881,
-25.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBCF7
RGB	156, 188, 247
RGB Percent	61%, 74%, 97%
CMY	0.3882, 0.2627, 0.0314
CMYK	0.37, 0.24, 0.00, 0.03
HSL	219°, 85%, 79%
HSV	219°, 37%, 97%
XYZ	48.4820, 49.7498, 95.0431
YIQ	185.1580, -38.0110, 11.5650

Conversions

Conversions Part 2

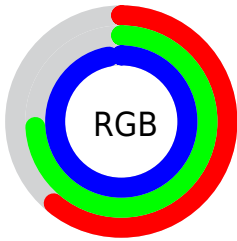
Format	Color
R _Y B	156, 180, 247
Decimal	10271991
CIE Lab	75.92, 3.31, -32.66
CIE LCh	76, 32.832, 275.792
Yxy	49.7498, 0.2508, 0.2574
Android (android.graphics.Color)	4288462071 (0xFF9CBCF7)
YUV	185.1580, 30.4881, -25.5716
Hunter-Lab	70.5335, -0.7396, -30.5191

Details

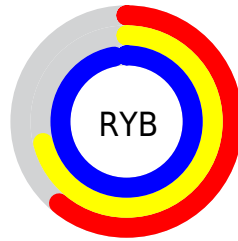
The YUV color **185.1580, 30.4881, -25.5716** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **217.8420, -30.4881, 25.5716**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9850, 9.3744, -20.1578**, and **131.1040, 29.0357, -26.4012** is the 20% darker color. If you saturate the color by 10%, you get **168.2910, 38.8035, -32.7042**, and if you desaturate by 10%, it is **202.0250, 22.1727, -18.4389**.

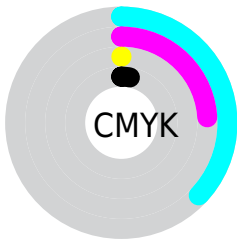
Distribution



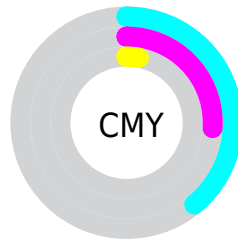
- Red (61%)
- Green (74%)
- Blue (97%)



- Red (61%)
- Yellow (71%)
- Blue (97%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (26%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.1580, 30.4881, -25.5716 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 185.1580, 30.4881, -25.5716 by changing the saturation by 10% instead.

■ 185.1580, 30.4881,
-25.5716

■ 185.1580, 30.4881,
-25.5716

255.0000, 0.0000,
0.0000

■ 157.6310, 29.7619,
-25.9864

■ 235.9850, 9.3744,
-20.1578

■ 131.1040, 29.0357,
-26.4012

■ 251.1130, 1.9163,
-7.9921

■ 105.2780, 28.4569,
-27.4308

■ 79.8540, 28.1730,
-29.6900

■ 52.0270, 29.0737,
-38.6117

■ 33.8710, 25.6996,
-29.7049

■ 19.5090, 21.4411,

-17.1094

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 185.1580, 30.4881,
-25.5716

■ 185.1580, 30.4881,
-25.5716

■ 168.2910, 38.8035,
-32.7042

■ 202.0250, 22.1727,
-18.4389

■ 151.7230, 46.9716,
-39.2221

■ 218.5930, 14.0047,
-11.9211

■ 134.8560, 55.2870,
-46.3547

■ 235.4600, 5.6892,
-4.7884

■ 117.9890, 63.6024,
-53.4874

■ 252.3270, -2.6262,
2.3442

■ 101.4210, 71.7704,
-60.0052

■ 254.0880, -3.4944,
0.7998

■ 84.5540, 80.0859,
-67.1379

■ 79.2270, 82.7121,
-69.4821

Harmonies

Analogous

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



176.7150, 32.1855, -56.7551



185.1580, 30.4881, -25.5716



190.3040, 22.5281, 7.6264

Triad

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



185.1580, 30.4881, -25.5716



189.3130, -17.9023, 48.8375



176.9940, -7.8850, -37.7057

Complementary

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



185.1580, 30.4881, -25.5716



217.8420, -30.4881, 25.5716

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.



181.5000, -21.9385, -10.0855



185.1580, 30.4881, -25.5716



187.5320, -26.8843, 36.3674

Square

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



185.1580, 30.4881, -25.5716



190.5700, -4.2250, 48.6121



184.9440, -28.5664, 15.8351



172.1340, 9.7939, -61.5075

Rectangle

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



185.1580, 30.4881, -25.5716



192.0630, 14.7589, 26.2547



184.9440, -28.5664, 15.8351



178.3820, -13.0063, -28.3990

Sweetspot

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



185.1580, 30.4881, -25.5716



236.0620, 9.3364, -7.9474



216.0290, -1.0003, -52.6454



116.4600, 5.6892, -4.7884



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.



185.1580, 30.4881, -25.5716



178.6610, 37.6351, -31.2747



169.9620, 37.9797, -1.7207



113.7160, 4.0840, -3.2589



59.3590, 62.4340, -52.0578



19.0530, 19.6939, -16.7095

Inverse Universe

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



186.8570, 0.5635, 52.7454



180.9340, 0.5255, 64.9559



233.0380, -37.9797, 1.7207



114.0440, -0.0217, 6.9774



63.0240, 0.9742, 107.8500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 185.1580, 30.4881, -25.5716 looks on a white background.

Color Contrast Check

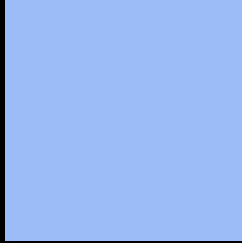
Large Text (above 18pt) WCAG AA × Fail

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 185.1580, 30.4881, -25.5716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

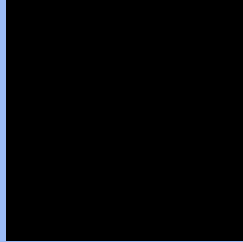
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

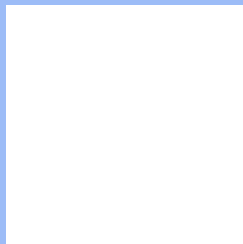
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.1580, 30.4881, -25.5716

Background



This preview shows how black text looks on a background with the YUV color 185.1580, 30.4881, -25.5716.



This preview shows how white text looks on a background with the YUV color 185.1580, 30.4881, -25.5716.

-25.5716.

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

185.1580, 30.4881, -25.5716

Protanopia

186.9530, 28.1242, -13.9908

Deuteranopia

187.4090, 29.8714, -14.3907



Tritanopia

182.3580, 13.6275, -31.0090

Trichromacy



Original Color

185.1580, 30.4881, -25.5716

Protanomaly

186.1590, 29.0086, -17.6794

Deuteranomaly

186.5010, 30.3190, -17.9794

Tritanomaly

182.9760, 19.7318, -28.9200

Monochromacy



Original Color

185.1580, 30.4881, -25.5716

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.1580, 30.4881, -25.5716 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(156, 188, 247)` looks like.

```
.text, #text, p{  
    color:rgb(156, 188, 247)  
}
```

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(156, 188, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 188, 247) }
```

Border

The CSS property to change the border of an element to YUV 185.1580, 30.4881, -25.5716 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(156, 188, 247) }
```


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

```
.border{ border-color:rgb(156, 188, 247) }
```

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

Here you see how a box with a 4 pixel rgb(156, 188, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 188, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 188, 247);  
box-shadow:4px 4px 4px 4px rgb(156, 188,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 185.1580, 30.4881, -25.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 188, 247) }
```

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

```
.background{ background-color: rgb(156,  
188, 247) }
```

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