

Converting Colors

YUV(180.8480, 30.6409,
-27.9307)

Have a look what the booklet for
YUV(180.8480, 30.6409, -27.9307)
contains.

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Color

**YUV(180.8480, 30.6409,
-27.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	95B9F3
RGB	149, 185, 243
RGB Percent	58%, 73%, 95%
CMY	0.4157, 0.2745, 0.0471
CMYK	0.39, 0.24, 0.00, 0.05
HSL	217°, 80%, 77%
HSV	217°, 39%, 95%
XYZ	45.9210, 47.5585, 91.5534
YIQ	180.8480, -40.0740, 10.4060

Conversions

Conversions Part 2

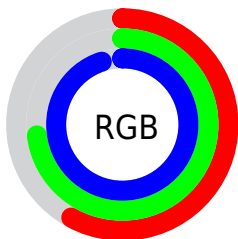
Format	Color
R _Y B	149, 175, 243
Decimal	9812467
CIE Lab	74.55, 2.06, -32.66
CIE LCh	75, 32.722, 273.602
Yxy	47.5585, 0.2482, 0.2570
Android (android.graphics.Color)	4288002547 (0xFF95B9F3)
YUV	180.8480, 30.6409, -27.9307
Hunter-Lab	68.9627, -1.8247, -30.4383

Details

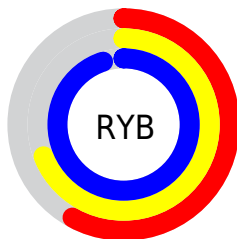
The YUV color **180.8480, 30.6409, -27.9307** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **211.1520, -30.6409, 27.9307**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1310, 11.2744, -22.9169**, and **126.9080, 29.6254, -28.8603** is the 20% darker color. If you saturate the color by 10%, you get **164.8670, 38.5196, -34.9634**, and if you desaturate by 10%, it is **196.8290, 22.7623, -20.8980**.

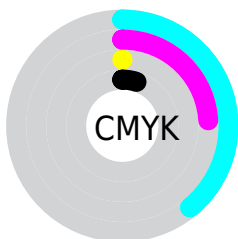
Distribution



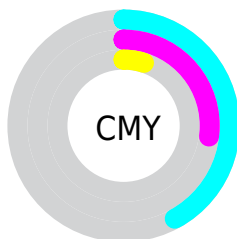
- Red (58%)
- Green (73%)
- Blue (95%)



- Red (58%)
- Yellow (69%)
- Blue (95%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8480, 30.6409, -27.9307 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 180.8480, 30.6409, -27.9307 by changing the saturation by 10% instead.

■ 180.8480, 30.6409,
-27.9307

■ 180.8480, 30.6409,
-27.9307

255.0000, 0.0000,
0.0000

■ 153.3210, 29.9147,
-28.3455

■ 232.1310, 11.2744,
-22.9169

■ 126.9080, 29.6254,
-28.8603

■ 249.0200, 2.9481,
-12.2955

■ 100.6690, 28.7572,
-30.4047

■ 74.9460, 28.6206,
-33.2786

■ 47.5320, 29.8107,
-41.6856

■ 32.3550, 24.9680,
-28.3753

■ 17.4060, 20.9988,

-15.2651

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 180.8480, 30.6409,
-27.9307

■ 180.8480, 30.6409,
-27.9307

■ 164.8670, 38.5196,
-34.9634

■ 196.8290, 22.7623,
-20.8980

■ 148.5870, 46.5456,
-42.6108

■ 213.1090, 14.7363,
-13.2506

■ 132.6060, 54.4242,
-49.6435

■ 229.0900, 6.8576,
-6.2179

■ 116.6250, 62.3029,
-56.6761

■ 245.0710, -1.0210,
0.8147

■ 100.6440, 70.1815,
-63.7088

■ 253.6320, -5.2416,
1.1997

■ 84.3640, 78.2075,
-71.3562

■ 82.2930, 79.2286,
-72.1710

Harmonies

Analogous

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



172.4760, 31.3173, -58.2995



180.8480, 30.6409, -27.9307



186.1080, 23.1178, 5.1673

Triad

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



180.8480, 30.6409, -27.9307



185.9540, -16.7393, 49.1523



173.7770, -8.7641, -35.7614

Complementary

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



180.8480, 30.6409, -27.9307



211.1520, -30.6409, 27.9307

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.



177.9840, -22.6701, -8.7560



180.8480, 30.6409, -27.9307



183.6570, -26.4529, 38.0118

Square

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



180.8480, 30.6409, -27.9307



187.4990, -3.2040, 47.7974



181.5420, -28.8612, 17.0647



168.5040, 8.6255, -60.0780

Rectangle

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



180.8480, 30.6409, -27.9307



188.1660, 15.2012, 24.4104



181.5420, -28.8612, 17.0647



175.1650, -13.8853, -26.4547

Sweetspot

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



180.8480, 30.6409, -27.9307



234.5780, 10.0680, -9.2769



210.7900, -1.8685, -54.1898



115.5740, 6.1260, -4.8884



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.



180.8480, 30.6409, -27.9307



177.7530, 38.0828, -34.8634



163.0050, 39.4375, -2.6354



114.3030, 3.7946, -3.7737



62.8810, 60.6977, -55.1466



19.6400, 19.4045, -17.2243

Inverse Universe

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



181.2100, 1.8685, 54.1898



178.1130, 2.4093, 67.4299



228.9950, -39.4375, 2.6354



114.1580, 0.4151, 6.8774



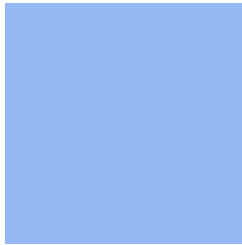
63.7080, 3.5950, 107.2501



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 180.8480, 30.6409, -27.9307 looks on a white background.

Color Contrast Check

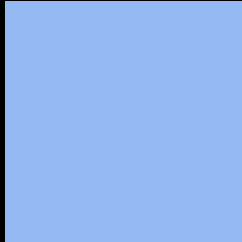
Large Text (above 18pt) WCAG AA × Fail

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 180.8480, 30.6409, -27.9307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

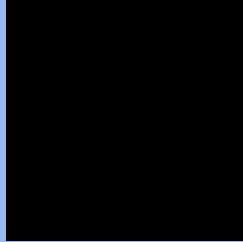
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

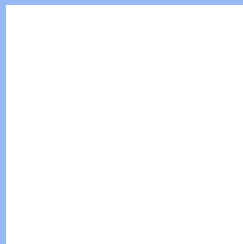
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.8480, 30.6409, -27.9307

Background



This preview shows how black text looks on a background with the YUV color 180.8480, 30.6409, -27.9307.



This preview shows how white text looks on a background with the YUV color 180.8480, 30.6409, -27.9307.

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

180.8480, 30.6409, -27.9307

Protanopia

183.5400, 27.8348, -14.5056

Deuteranopia

183.4090, 29.8714, -14.3907



Tritanopia

178.1620, 14.2171, -33.4681

Trichromacy



Original Color

180.8480, 30.6409, -27.9307

Protanomaly

182.1480, 29.0140, -19.4238

Deuteranomaly

182.4900, 30.3244, -19.7237

Tritanomaly

178.7800, 20.3215, -31.3791

Monochromacy



Original Color

180.8480, 30.6409, -27.9307

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.6210, 11.5258, -10.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8480, 30.6409, -27.9307 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(149, 185, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 185, 243)  
}
```

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(149, 185, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 185, 243) }
```

Border

The CSS property to change the border of an element to YUV 180.8480, 30.6409, -27.9307 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(149, 185, 243) }
```


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

```
.border{ border-color:rgb(149, 185, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 185, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 185, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 185, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 185,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 180.8480, 30.6409, -27.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 185, 243) }
```

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

```
.background{ background-color: rgb(149,  
185, 243) }
```

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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