

Converting Colors

YUV(189.0580, 18.7054,
-26.3609)

Have a look what the booklet for
YUV(189.0580, 18.7054, -26.3609)
contains.

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Color

**YUV(189.0580, 18.7054,
-26.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC5E3
RGB	159, 197, 227
RGB Percent	62%, 77%, 89%
CMY	0.3765, 0.2275, 0.1098
CMYK	0.30, 0.13, 0.00, 0.11
HSL	206°, 55%, 76%
HSV	206°, 30%, 89%
XYZ	48.1295, 52.8495, 80.3373
YIQ	189.0580, -32.2780, 1.2740

Conversions

Conversions Part 2

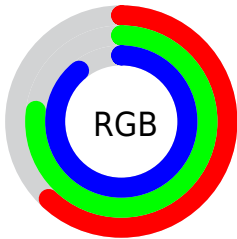
Format	Color
R_{YB}	159, 183, 227
Decimal	10470883
CIE _{Lab}	77.79, -5.72, -19.02
CIE _{LCh}	78, 19.865, 253.264
Yxy	52.8495, 0.2654, 0.2915
Android (android.graphics.Color)	4288660963 (0xFF9FC5E3)
YUV	189.0580, 18.7054, -26.3609
Hunter-Lab	72.6977, -9.0450, -14.6323

Details

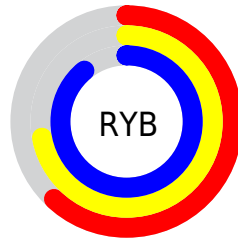
The YUV color **189.0580, 18.7054, -26.3609** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **196.9420, -18.7054, 26.3609**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4530, 6.1857, -24.0763**, and **135.2430, 18.1212, -25.6461** is the 20% darker color. If you saturate the color by 10%, you get **176.3110, 24.9897, -35.3527**, and if you desaturate by 10%, it is **201.8050, 12.4211, -17.3690**.

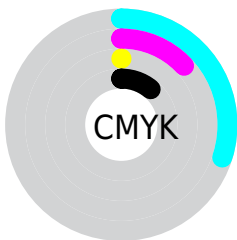
Distribution



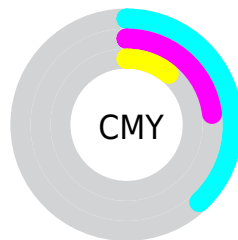
- Red (62%)
- Green (77%)
- Blue (89%)



- Red (62%)
- Yellow (72%)
- Blue (89%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0580, 18.7054, -26.3609 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 189.0580, 18.7054, -26.3609 by changing the saturation by 10% instead.

■ 189.0580, 18.7054,
-26.3609

■ 189.0580, 18.7054,
-26.3609

255.0000, 0.0000,
0.0000

■ 161.9440, 18.2686,
-26.2609

■ 242.4530, 6.1857,
-24.0763

■ 135.2430, 18.1212,
-25.6461

■ 251.7110, 1.6215,
-6.7625

■ 109.7160, 17.3950,
-26.0609

■ 84.3030, 17.1056,
-26.5757

■ 59.8790, 16.8217,
-28.8349

■ 35.6830, 17.4113,
-31.2940

■ 21.3210, 13.1527,

-18.6985

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 189.0580, 18.7054,
-26.3609

■ 189.0580, 18.7054,
-26.3609

■ 176.3110, 24.9897,
-35.3527

■ 201.8050, 12.4211,
-17.3690

■ 163.8630, 31.1265,
-43.7299

■ 214.2530, 6.2843,
-8.9919

■ 151.1160, 37.4108,
-52.7217

■ 227.0000, 0.0000,
0.0000

■ 138.3690, 43.6951,
-61.7136

■ 239.7470, -6.2843,
8.9919

■ 125.9210, 49.8319,
-70.0907

■ 247.1120, -9.9152,
6.9178

■ 113.1740, 56.1162,
-79.0826

■ 251.8080,
-12.2303, 2.7994

■ 100.4270, 62.4005,
-88.0745

Harmonies

Analogous

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



186.0800, 15.2436, -36.0272



189.0580, 18.7054, -26.3609



192.5270, 17.4882, -9.2322

Triad

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



189.0580, 18.7054, -26.3609



195.2320, -5.0444, 31.3685



188.5460, -11.6082, -10.1258

Complementary

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



189.0580, 18.7054, -26.3609



196.9420, -18.7054, 26.3609

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.



190.8640, -17.1880, 6.2583



189.0580, 18.7054, -26.3609



194.1580, -12.8959, 29.6794

Square

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



189.0580, 18.7054, -26.3609



195.4790, 3.7079, 24.1359



192.8380, -17.6681, 20.3131



186.1510, -2.5394, -25.5654

Rectangle

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



189.0580, 18.7054, -26.3609



194.3930, 14.1033, 3.1633



192.8380, -17.6681, 20.3131



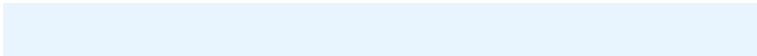
189.0090, -13.8084, -4.3929

Sweetspot

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



189.0580, 18.7054, -26.3609



242.2530, 6.2843, -8.9919



202.2220, -7.0114, -37.9057



119.4060, 4.2368, -5.6181



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.



189.0580, 18.7054, -26.3609



204.0120, 25.1371, -35.9675



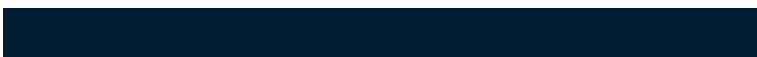
169.6870, 28.2553, -9.3725



108.4770, 3.2158, -4.8033



79.1060, 49.2477, -69.3760



22.8370, 13.8844, -20.0280

Inverse Universe

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



183.6640, 6.5746, 38.0057



196.3220, 8.7153, 51.4606



216.3130, -28.2553, 9.3725



107.3860, 1.2887, 6.6775



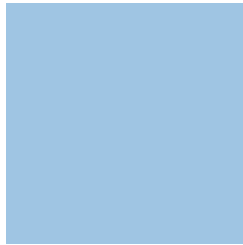
64.9210, 17.2939, 100.0473



18.4410, 4.7126, 28.5542

Previews

White Background



This preview shows how the YUV color 189.0580, 18.7054, -26.3609 looks on a white background.

Color Contrast Check

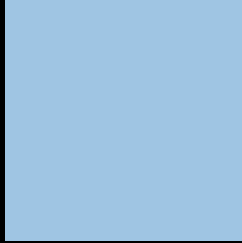
Large Text (above 18pt) WCAG AA × Fail

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 189.0580, 18.7054, -26.3609 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 189.0580, 18.7054, -26.3609

Background



This preview shows how black text looks on a background with the YUV color 189.0580, 18.7054, -26.3609.



This preview shows how white text looks on a background with the YUV color 189.0580, 18.7054, -26.3609.

-26.3609.

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

189.0580, 18.7054, -26.3609

Protanopia

192.4520, 14.5672, -5.6584

Deuteranopia

193.2830, 17.6085, -1.1252



Tritanopia

187.9670, 13.3273, -28.0351

Trichromacy



Original Color

189.0580, 18.7054, -26.3609

Protanomaly

191.4510, 16.0467, -13.5505

Deuteranomaly

191.9290, 17.7830, -10.4617

Tritanomaly

188.1350, 15.2164, -27.3054

Monochromacy



Original Color

189.0580, 18.7054, -26.3609

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0680, 6.8685, -9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0580, 18.7054, -26.3609 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(159, 197, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 227)  
}
```

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(159, 197, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 227) }
```

Border

The CSS property to change the border of an element to YUV 189.0580, 18.7054, -26.3609 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(159, 197, 227) }
```


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

```
.border{ border-color:rgb(159, 197, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 197, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 227);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 189.0580, 18.7054, -26.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 227) }
```

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

```
.background{ background-color: rgb(159,  
197, 227) }
```

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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