

Converting Colors

YUV(180.9960, 26.1310,
-28.0605)

Have a look what the booklet for
YUV(180.9960, 26.1310, -28.0605)
contains.

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Color

**YUV(180.9960, 26.1310,
-28.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	95BBEA
RGB	149, 187, 234
RGB Percent	58%, 73%, 92%
CMY	0.4157, 0.2667, 0.0824
CMYK	0.36, 0.20, 0.00, 0.08
HSL	213°, 67%, 75%
HSV	213°, 36%, 92%
XYZ	45.0160, 47.8707, 84.7093
YIQ	180.9960, -37.7350, 6.5610

Conversions

Conversions Part 2

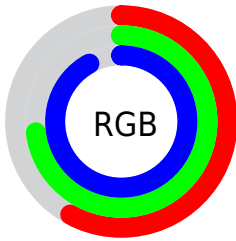
Format	Color
R _Y B	149, 175, 234
Decimal	9812970
CIE Lab	74.74, -1.39, -27.49
CIE LCh	75, 27.526, 267.104
Yxy	47.8707, 0.2535, 0.2695
Android (android.graphics.Color)	4288003050 (0xFF95BBEA)
YUV	180.9960, 26.1310, -28.0605
Hunter-Lab	69.1887, -4.9432, -24.1580

Details

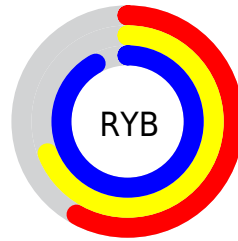
The YUV color **180.9960, 26.1310, -28.0605** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **202.0040, -26.1310, 28.0605**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0060, 10.8430, -24.5613**, and **127.3550, 24.9680, -28.3753** is the 20% darker color. If you saturate the color by 10%, you get **166.4880, 33.2834, -35.5080**, and if you desaturate by 10%, it is **195.5040, 18.9785, -20.6130**.

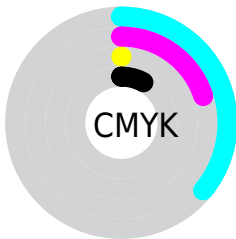
Distribution



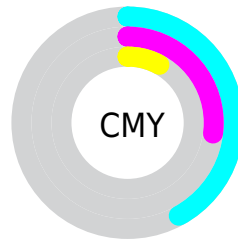
- Red (58%)
- Green (73%)
- Blue (92%)



- Red (58%)
- Yellow (69%)
- Blue (92%)



- Cyan (36%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9960, 26.1310, -28.0605 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 180.9960, 26.1310, -28.0605 by changing the saturation by 10% instead.

■ 180.9960, 26.1310,
-28.0605

■ 180.9960, 26.1310,
-28.0605

255.0000, 0.0000,
0.0000

■ 153.8820, 25.6942,
-27.9605

■ 233.0060, 10.8430,
-24.5613

■ 127.3550, 24.9680,
-28.3753

■ 248.7210, 3.0955,
-12.9103

■ 101.5290, 24.3892,
-29.4049

■ 76.1050, 24.1052,
-31.6641

■ 48.0930, 25.5902,
-41.3006

■ 32.1440, 21.6210,
-28.1903

■ 17.7820, 17.3625,

-15.5948

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 180.9960, 26.1310,
-28.0605

■ 180.9960, 26.1310,
-28.0605

■ 166.4880, 33.2834,
-35.5080

■ 195.5040, 18.9785,
-20.6130

■ 151.6810, 40.5833,
-43.5702

■ 210.3110, 11.6787,
-12.5507

■ 137.1730, 47.7357,
-51.0177

■ 224.8190, 4.5262,
-5.1033

■ 122.3660, 55.0356,
-59.0800

■ 239.6260, -2.7736,
2.9590

■ 107.8580, 62.1880,
-66.5275

■ 250.8450, -8.3046,
3.6439

■ 93.3500, 69.3405,
-73.9749

■ 252.6060, -9.1728,
2.0995

■ 88.3110, 71.8247,
-77.4487

Harmonies

Analogous

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



175.2230, 25.0331, -49.3076



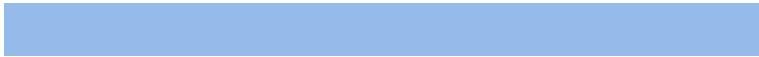
180.9960, 26.1310, -28.0605



185.9070, 21.2448, -0.7954

Triad

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



180.9960, 26.1310, -28.0605



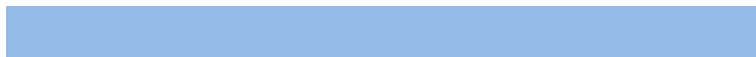
186.7620, -12.2077, 42.3047



176.8000, -10.2544, -24.3806

Complementary

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



180.9960, 26.1310, -28.0605



202.0040, -26.1310, 28.0605

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.



179.8970, -20.6552, -1.6637



180.9960, 26.1310, -28.0605



185.0140, -21.2059, 35.0677

Square

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



180.9960, 26.1310, -28.0605



188.1280, -0.5561, 38.4757



182.8180, -24.0673, 19.4536



173.2240, 3.3406, -44.9234

Rectangle

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



180.9960, 26.1310, -28.0605



187.8120, 15.3757, 15.0739



182.8180, -24.0673, 19.4536



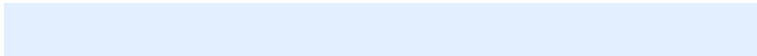
178.4050, -14.4967, -17.0182

Sweetspot

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



180.9960, 26.1310, -28.0605



237.2360, 8.7577, -8.9770



204.2530, -4.0687, -48.4569



117.0470, 5.3998, -5.3032



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.



180.9960, 26.1310, -28.0605



185.1180, 34.4518, -36.9375



159.8860, 36.5382, -6.0390



110.1890, 3.3578, -3.6738



68.1810, 55.6198, -59.7947



20.2440, 16.6417, -17.7540

Inverse Universe

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



178.7470, 4.0687, 48.4569



182.1880, 5.3303, 63.8561



223.1140, -36.5382, 6.0390



109.8590, 0.5625, 6.2627



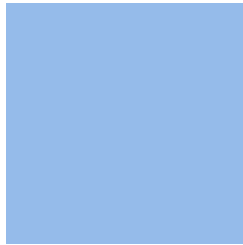
63.3530, 8.7000, 103.1764



18.8820, 2.5232, 30.7985

Previews

White Background



This preview shows how the YUV color 180.9960, 26.1310, -28.0605 looks on a white background.

Color Contrast Check

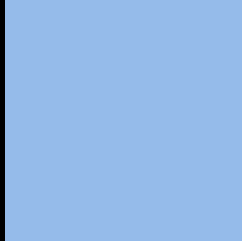
Large Text (above 18pt) WCAG AA × Fail

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 180.9960, 26.1310, -28.0605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

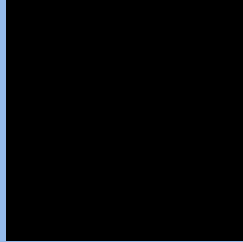
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

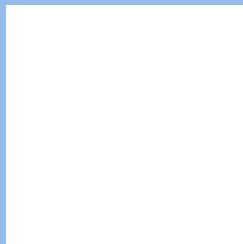
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.9960, 26.1310, -28.0605

Background



This preview shows how black text looks on a background with the YUV color 180.9960, 26.1310, -28.0605.



This preview shows how white text looks on a background with the YUV color 180.9960, 26.1310, -28.0605.

-28.0605.

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

180.9960, 26.1310, -28.0605

Protanopia

184.4820, 22.4404, -10.9467

Deuteranopia

184.4760, 24.9083, -9.1875



Tritanopia

178.7600, 13.9223, -32.2385

Trichromacy



Original Color

180.9960, 26.1310, -28.0605

Protanomaly

183.3780, 23.4776, -16.9945

Deuteranomaly

183.5460, 25.3668, -16.2648

Tritanomaly

179.6230, 18.4269, -30.3644

Monochromacy



Original Color

180.9960, 26.1310, -28.0605

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.7520, 9.4893, -10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9960, 26.1310, -28.0605 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, 187, 234)` looks like.

```
.text, #text, p{  
    color:rgb(149, 187, 234)  
}
```

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, 187, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 187, 234) }
```

Border

The CSS property to change the border of an element to YUV 180.9960, 26.1310, -28.0605 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, 187, 234) }
```


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

```
.border{ border-color:rgb(149, 187, 234) }
```

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

Here you see how a box with a 4 pixel rgb(149, 187, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 187, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 187, 234);  
box-shadow:4px 4px 4px 4px rgb(149, 187,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 180.9960, 26.1310, -28.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 187, 234) }
```

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

```
.background{ background-color: rgb(149,  
187, 234) }
```

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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