

Converting Colors

YUV(180.1980, 23.0734,
-27.3606)

Have a look what the booklet for
YUV(180.1980, 23.0734, -27.3606)
contains.

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Color

**YUV(180.1980, 23.0734,
-27.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	95BBE3
RGB	149, 187, 227
RGB Percent	58%, 73%, 89%
CMY	0.4157, 0.2667, 0.1098
CMYK	0.34, 0.18, 0.00, 0.11
HSL	211°, 58%, 74%
HSV	211°, 34%, 89%
XYZ	44.0299, 47.4763, 79.5163
YIQ	180.1980, -35.4880, 4.3840

Conversions

Conversions Part 2

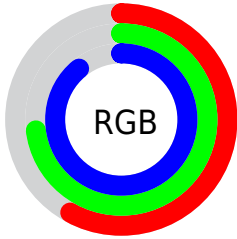
Format	Color
R_{YB}	149, 175, 227
Decimal	9812963
CIE _{Lab}	74.49, -3.18, -24.08
CIE _{LCh}	74, 24.292, 262.477
Yxy	47.4763, 0.2575, 0.2776
Android (android.graphics.Color)	4288003043 (0xFF95BBE3)
YUV	180.1980, 23.0734, -27.3606
Hunter-Lab	68.9030, -6.5166, -20.1904

Details

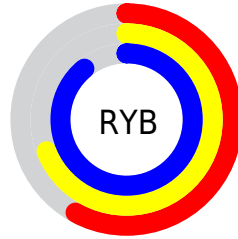
The YUV color **180.1980, 23.0734, -27.3606** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **195.8020, -23.0734, 27.3606**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.0060, 10.8430, -24.5613**, and **126.6710, 22.3472, -27.7755** is the 20% darker color. If you saturate the color by 10%, you get **166.2770, 29.9364, -35.3229**, and if you desaturate by 10%, it is **194.1190, 16.2103, -19.3984**.

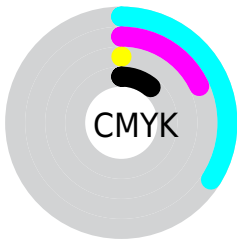
Distribution



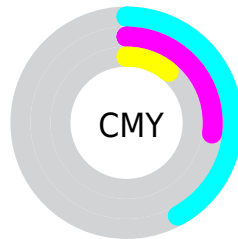
- Red (58%)
- Green (73%)
- Blue (89%)



- Red (58%)
- Yellow (69%)
- Blue (89%)



- Cyan (34%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1980, 23.0734, -27.3606 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 180.1980, 23.0734, -27.3606 by changing the saturation by 10% instead.

■ 180.1980, 23.0734,
-27.3606

■ 180.1980, 23.0734,
-27.3606

255.0000, 0.0000,
0.0000

■ 153.0840, 22.6366,
-27.2607

■ 233.0060, 10.8430,
-24.5613

■ 126.6710, 22.3472,
-27.7755

■ 248.7210, 3.0955,
-12.9103

■ 101.1440, 21.6210,
-28.1903

■ 76.0190, 21.1896,
-29.8347

■ 48.9150, 22.2269,
-35.8825

■ 31.4600, 19.0002,
-27.5904

■ 16.6250, 15.4679,

-14.5801

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 180.1980, 23.0734,
-27.3606

■ 180.1980, 23.0734,
-27.3606

■ 166.2770, 29.9364,
-35.3229

■ 194.1190, 16.2103,
-19.3984

■ 153.2420, 36.3627,
-43.1852

■ 207.1540, 9.7841,
-11.5361

■ 139.3210, 43.2257,
-51.1475

■ 221.0750, 2.9210,
-3.5738

■ 125.4000, 50.0888,
-59.1098

■ 234.9960, -3.9420,
4.3885

■ 112.3650, 56.5151,
-66.9721

■ 245.9380, -9.3364,
7.9474

■ 98.4440, 63.3781,
-74.9344

■ 251.8080,
-12.2303, 2.7994

■ 91.0350, 67.0307,
-79.8377

Harmonies

Analogous

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



175.5180, 20.9436, -44.3043



180.1980, 23.0734, -27.3606



184.4290, 19.5085, -3.8842

Triad

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



180.1980, 23.0734, -27.3606



186.1250, -9.4286, 37.6014



177.9040, -11.2917, -18.3328

Complementary

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



180.1980, 23.0734, -27.3606



195.8020, -23.0734, 27.3606

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.



180.3750, -18.9189, 1.4251



180.1980, 23.0734, -27.3606



184.9150, -17.7061, 32.5235

Square

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



180.1980, 23.0734, -27.3606



187.2520, 1.3548, 32.2280



182.8010, -21.5939, 19.4685



174.9970, 0.9875, -36.8314

Rectangle

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



180.1980, 23.0734, -27.3606



185.9640, 14.8077, 10.5556



182.8010, -21.5939, 19.4685



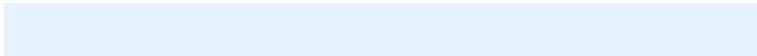
178.5520, -14.0761, -11.8851

Sweetspot

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



180.1980, 23.0734, -27.3606



239.8940, 7.4473, -8.6770



199.2320, -5.5374, -44.0535



118.5200, 4.6736, -5.7180



0.0000, 0.0000, 0.0000



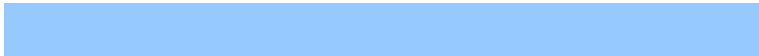
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.1980, 23.0734, -27.3606



191.9070, 31.1048, -36.7524



157.8920, 34.0702, -7.7983



107.8900, 3.5052, -4.2885



71.4750, 53.0098, -62.6836



20.4890, 15.0419, -17.9689

Inverse Universe

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



176.6540, 5.1006, 44.1534



187.2090, 6.7990, 59.4527



218.1080, -34.0702, 7.7983



107.2720, 0.8519, 6.7775



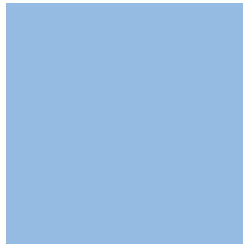
63.4390, 11.6156, 101.3470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 180.1980, 23.0734, -27.3606 looks on a white background.

Color Contrast Check

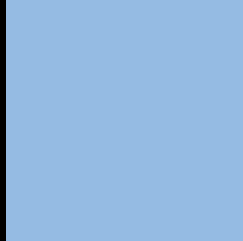
Large Text (above 18pt) WCAG AA × Fail

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 180.1980, 23.0734, -27.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

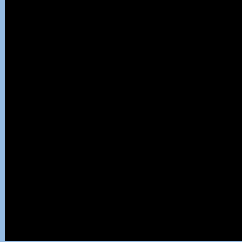
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

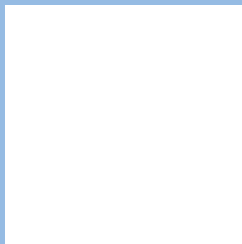
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.1980, 23.0734, -27.3606

Background



This preview shows how black text looks on a background with the YUV color 180.1980, 23.0734, -27.3606.



This preview shows how white text looks on a background with the YUV color 180.1980, 23.0734, -27.3606.

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

180.1980, 23.0734, -27.3606

Protanopia

183.3960, 19.5248, -9.1173

Deuteranopia

184.1020, 22.1347, -6.2285



Tritanopia

178.6570, 13.4801, -30.3942

Trichromacy



Original Color

180.1980, 23.0734, -27.3606

Protanomaly

181.9930, 20.7095, -15.7799

Deuteranomaly

182.7590, 22.3038, -13.8206

Tritanomaly

179.5800, 16.9691, -29.4497

Monochromacy



Original Color

180.1980, 23.0734, -27.3606

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.4100, 8.1789, -10.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1980, 23.0734, -27.3606 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(149, 187, 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(149, 187, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 187, 227) }
```

Border

The CSS property to change the border of an element to YUV 180.1980, 23.0734, -27.3606 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, 227) }
```


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

```
.border{ border-color:rgb(149, 187, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 187, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 187, 227);  
box-shadow:4px 4px 4px 4px rgb(149, 187,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 180.1980, 23.0734, -27.3606 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, 227) }
```

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

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