

Converting Colors

YUV(184.8020, 20.3106,
-27.8904)

Have a look what the booklet for
YUV(184.8020, 20.3106, -27.8904)
contains.

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Color

**YUV(184.8020, 20.3106,
-27.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	99C1E2
RGB	153, 193, 226
RGB Percent	60%, 76%, 89%
CMY	0.4000, 0.2431, 0.1137
CMYK	0.32, 0.15, 0.00, 0.11
HSL	207°, 56%, 74%
HSV	207°, 32%, 89%
XYZ	45.9343, 50.4032, 79.2593
YIQ	184.8020, -34.4330, 1.7830

Conversions

Conversions Part 2

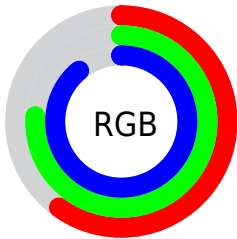
Format	Color
R _Y B	153, 179, 226
Decimal	10076642
CIE Lab	76.32, -5.54, -20.75
CIE LCh	76, 21.473, 255.055
Yxy	50.4032, 0.2616, 0.2870
Android (android.graphics.Color)	4288266722 (0xFF99C1E2)
YUV	184.8020, 20.3106, -27.8904
Hunter-Lab	70.9952, -8.7512, -16.4949

Details

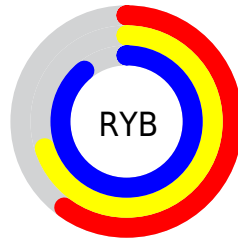
The YUV color **184.8020, 20.3106, -27.8904** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **194.1980, -20.3106, 27.8904**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7240, 8.5171, -25.1909**, and **131.2750, 19.5844, -28.3052** is the 20% darker color. If you saturate the color by 10%, you get **172.0550, 26.5949, -36.8822**, and if you desaturate by 10%, it is **197.5490, 14.0263, -18.8985**.

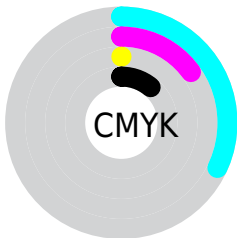
Distribution



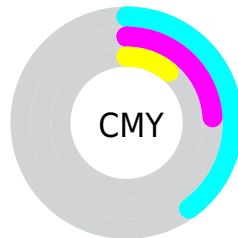
- Red (60%)
- Green (76%)
- Blue (89%)



- Red (60%)
- Yellow (70%)
- Blue (89%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8020, 20.3106, -27.8904 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 184.8020, 20.3106, -27.8904 by changing the saturation by 10% instead.

■ 184.8020, 20.3106,
-27.8904

■ 184.8020, 20.3106,
-27.8904

255.0000, 0.0000,
0.0000

■ 157.6880, 19.8738,
-27.7904

■ 237.7240, 8.5171,
-25.1909

■ 131.2750, 19.5844,
-28.3052

■ 249.9170, 2.5059,
-10.4512

■ 105.1610, 19.1476,
-28.2052

■ 80.3350, 18.5688,
-29.2348

■ 54.8400, 19.3059,
-32.3087

■ 33.8080, 17.8427,
-29.6496

■ 19.4460, 13.5841,

-17.0541

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 184.8020, 20.3106,
-27.8904

■ 184.8020, 20.3106,
-27.8904

■ 172.0550, 26.5949,
-36.8822

■ 197.5490, 14.0263,
-18.8985

■ 159.6070, 32.7317,
-45.2593

■ 209.9970, 7.8895,
-10.5214

■ 146.2730, 39.3054,
-53.7364

■ 223.3310, 1.3158,
-2.0443

■ 133.8250, 45.4423,
-62.1135

■ 235.7790, -4.8210,
6.3328

■ 121.0780, 51.7265,
-71.1054

■ 245.2370, -9.4838,
8.5622

■ 108.3310, 58.0108,
-80.0973

■ 251.1070,
-12.3778, 3.4142

■ 98.5520, 62.8319,
-86.4301

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



181.5140, 17.0016, -39.9158



184.8020, 20.3106, -27.8904



189.0540, 18.2144, -8.8174

Triad

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



184.8020, 20.3106, -27.8904



191.0150, -5.9234, 33.3128



184.1220, -11.8921, -12.3850

Complementary

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



184.8020, 20.3106, -27.8904



194.1980, -20.3106, 27.8904

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.



186.3370, -17.9141, 5.8435



184.8020, 20.3106, -27.8904



190.4140, -14.5011, 31.2089

Square

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



184.8020, 20.3106, -27.8904



191.7890, 3.5550, 26.4950



188.7950, -19.1259, 21.2278



181.5420, -2.2392, -28.5393

Rectangle

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



184.8020, 20.3106, -27.8904



190.6320, 14.9714, 4.7077



188.7950, -19.1259, 21.2278



184.7700, -14.6766, -5.9373

Sweetspot

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



184.8020, 20.3106, -27.8904



240.4810, 7.1579, -9.1918



199.6130, -6.7112, -40.8796



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



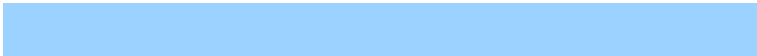
128.0000, 0.0000, 0.0000

Same Dimension

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



184.8020, 20.3106, -27.8904



198.9840, 27.6159, -37.6970



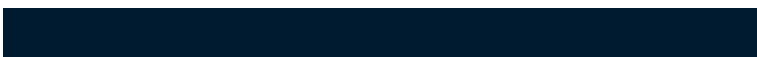
163.6700, 30.7287, -9.3576



105.7760, 3.0684, -4.1886



76.4160, 49.0949, -67.0168



21.3210, 13.1527, -18.6985

Inverse Universe

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



179.3870, 6.7112, 40.8796



191.7570, 8.9938, 55.4641



215.3300, -30.7287, 9.3576



104.9730, 0.9993, 6.1627



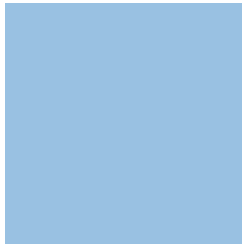
63.5680, 15.9890, 98.6029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 184.8020, 20.3106, -27.8904 looks on a white background.

Color Contrast Check

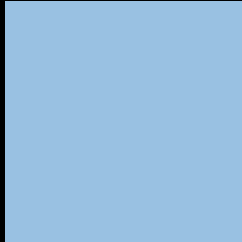
Large Text (above 18pt) WCAG AA × Fail

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 184.8020, 20.3106, -27.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

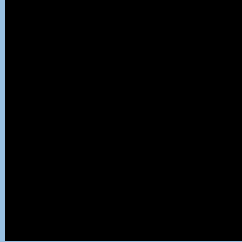
Any Text WCAG AA ✓ Pass

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 184.8020, 20.3106, -27.8904 Background



This preview shows how black text looks on a background with the YUV color 184.8020, 20.3106, -27.8904.



This preview shows how white text looks on a background with the YUV color 184.8020, 20.3106, -27.8904.

-27.8904.

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

184.8020, 20.3106, -27.8904

Protanopia

188.4950, 16.0250, -6.5731

Deuteranopia

189.6140, 18.9243, -3.1695



Tritanopia

183.9560, 13.3327, -29.7794

Trichromacy



Original Color

184.8020, 20.3106, -27.8904

Protanomaly

187.4940, 17.5045, -14.4652

Deuteranomaly

187.6730, 19.3882, -11.9912

Tritanomaly

184.2380, 15.6587, -29.1497

Monochromacy



Original Color

184.8020, 20.3106, -27.8904

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8830, 7.4527, -10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8020, 20.3106, -27.8904 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(153, 193, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 193, 226)  
}
```

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(153, 193, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 193, 226) }
```

Border

The CSS property to change the border of an element to YUV 184.8020, 20.3106, -27.8904 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(153, 193, 226) }
```


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

```
.border{ border-color:rgb(153, 193, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 193, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 193, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 193, 226);  
box-shadow:4px 4px 4px 4px rgb(153, 193,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 184.8020, 20.3106, -27.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 193, 226) }
```

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

```
.background{ background-color: rgb(153,  
193, 226) }
```

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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