

Converting Colors

YUV(190.4780, 31.8093,
-29.3602)

Have a look what the booklet for
YUV(190.4780, 31.8093, -29.3602)
contains.

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Color

**YUV(190.4780, 31.8093,
-29.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC3FF
RGB	157, 195, 255
RGB Percent	62%, 76%, 100%
CMY	0.3843, 0.2353, 0.0000
CMYK	0.38, 0.24, 0.00, 0.00
HSL	217°, 100%, 81%
HSV	217°, 38%, 100%
XYZ	51.4697, 53.4183, 102.2058
YIQ	190.4780, -41.9080, 10.6040

Conversions

Conversions Part 2

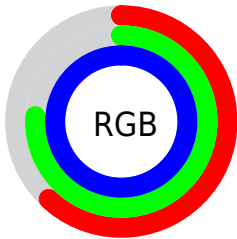
Format	Color
R _Y B	157, 184, 255
Decimal	10339327
CIE Lab	78.12, 1.85, -33.55
CIE LCh	78, 33.598, 273.154
Yxy	53.4183, 0.2485, 0.2579
Android (android.graphics.Color)	4288529407 (0xFF9DC3FF)
YUV	190.4780, 31.8093, -29.3602
Hunter-Lab	73.0878, -2.2009, -31.7494

Details

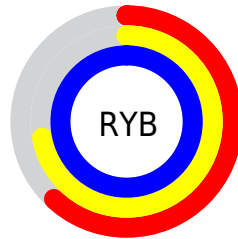
The YUV color **190.4780, 31.8093, -29.3602** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **221.5220, -31.8093, 29.3602**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3930, 7.2013, -23.1467**, and **136.4240, 30.3570, -30.1898** is the 20% darker color. If you saturate the color by 10%, you get **173.6110, 40.1248, -36.4928**, and if you desaturate by 10%, it is **207.6440, 23.3465, -21.6128**.

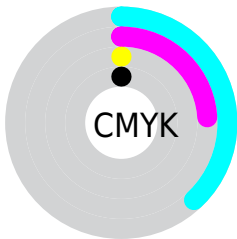
Distribution



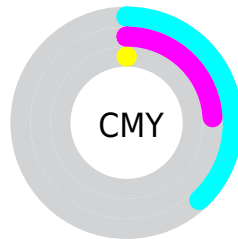
- Red (62%)
- Green (76%)
- Blue (100%)



- Red (62%)
- Yellow (72%)
- Blue (100%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.4780, 31.8093, -29.3602 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 190.4780, 31.8093, -29.3602 by changing the saturation by 10% instead.

■ 190.4780, 31.8093,
-29.3602

■ 190.4780, 31.8093,
-29.3602

255.0000, 0.0000,
0.0000

■ 162.9510, 31.0832,
-29.7750

■ 240.3930, 7.2013,
-23.1467

■ 136.4240, 30.3570,
-30.1898

■ 251.4120, 1.7689,
-7.3773

■ 109.7120, 30.2150,
-31.3194

■ 83.5760, 29.7890,
-34.7082

■ 53.9660, 31.5688,
-45.5742

■ 37.6040, 27.3102,
-32.9787

■ 23.1280, 22.6149,

-20.2833

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 190.4780, 31.8093,
-29.3602

■ 190.4780, 31.8093,
-29.3602

■ 173.6110, 40.1248,
-36.4928

■ 207.6440, 23.3465,
-21.6128

■ 157.0320, 48.2982,
-44.7551

■ 223.9240, 15.3205,
-13.9653

■ 140.1650, 56.6137,
-51.8877

■ 241.0900, 6.8576,
-6.2179

■ 123.5860, 64.7871,
-60.1499

■ 255.0000, 0.0000,
0.0000

■ 106.4200, 73.2499,
-67.8973

■ 89.5530, 81.5654,
-75.0300

■ 87.1830, 82.7338,
-76.4595

Harmonies

Analogous

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



181.8070, 32.6331, -60.3437



190.4780, 31.8093, -29.3602



196.3360, 23.9914, 4.9673

Triad

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



190.4780, 31.8093, -29.3602



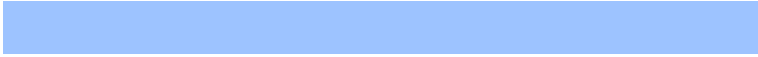
195.8510, -17.1815, 50.9967



183.2500, -9.4902, -36.1762

Complementary

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



190.4780, 31.8093, -29.3602



221.5220, -31.8093, 29.3602

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.



187.7560, -23.5437, -8.5560



190.4780, 31.8093, -29.3602



193.7280, -27.4739, 38.8265

Square

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



190.4780, 31.8093, -29.3602



197.5100, -3.2094, 49.5417



191.0260, -29.5928, 18.3942



177.9060, 8.9203, -61.3076

Rectangle

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



190.4780, 31.8093, -29.3602



197.8070, 16.3641, 24.7253



191.0260, -29.5928, 18.3942



184.6380, -14.6115, -26.8695

Sweetspot

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



190.4780, 31.8093, -29.3602



234.5780, 10.0680, -9.2769



221.2520, -2.5892, -56.3490



116.1610, 5.8366, -5.4032



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.



190.4780, 31.8093, -29.3602



177.7530, 38.0828, -34.8634



171.1620, 41.3321, -3.6501



119.4170, 4.2314, -3.8737



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Inverse Universe

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



190.6340, 2.1524, 56.4490



178.1130, 2.4093, 67.4299



240.8380, -41.3321, 3.6501



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 190.4780, 31.8093, -29.3602 looks on a white background.

Color Contrast Check

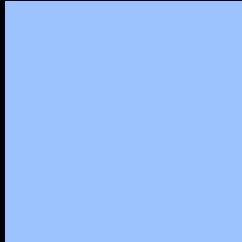
Large Text (above 18pt) WCAG AA × Fail

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 190.4780, 31.8093, -29.3602 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

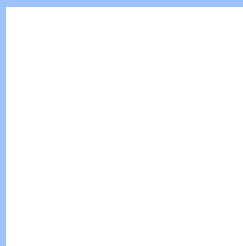
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 190.4780, 31.8093, -29.3602

Background



This preview shows how black text looks on a background with the YUV color 190.4780, 31.8093, -29.3602.



This preview shows how white text looks on a background with the YUV color 190.4780, 31.8093, -29.3602.

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

190.4780, 31.8093, -29.3602

Protanopia

192.8820, 29.1452, -14.8055

Deuteranopia

193.5230, 30.3082, -14.4907



Tritanopia

187.6780, 14.9487, -34.7976

Trichromacy



Original Color

190.4780, 31.8093, -29.3602

Protanomaly

192.0770, 30.0350, -20.2385

Deuteranomaly

192.6040, 30.7612, -19.8237

Tritanomaly

188.2960, 21.0531, -32.7086

Monochromacy



Original Color

190.4780, 31.8093, -29.3602

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.3220, 11.6733, -10.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4780, 31.8093, -29.3602 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(157, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 195, 255)  
}
```

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(157, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 195, 255) }
```

Border

The CSS property to change the border of an element to YUV 190.4780, 31.8093, -29.3602 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(157, 195, 255) }
```


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

```
.border{ border-color:rgb(157, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 195,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 190.4780, 31.8093, -29.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 195, 255) }
```

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

```
.background{ background-color: rgb(157,  
195, 255) }
```

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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