

Converting Colors

YUV(151.3580, 20.5295,
-4.6990)

Have a look what the booklet for
YUV(151.3580, 20.5295, -4.6990)
contains.

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Color

**YUV(151.3580, 20.5295,
-4.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	9292C1
RGB	146, 146, 193
RGB Percent	57%, 57%, 76%
CMY	0.4275, 0.4275, 0.2431
CMYK	0.24, 0.24, 0.00, 0.24
HSL	240°, 27%, 66%
HSV	240°, 24%, 76%
XYZ	31.7586, 30.5190, 54.6690
YIQ	151.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

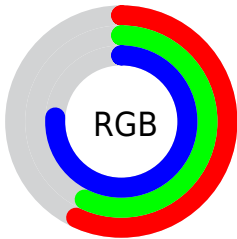
Format	Color
RYB	146, 146, 193
Decimal	9605825
CIELab	62.10, 10.32, -24.31
CIElCh	62, 26.408, 293.011
Yxy	30.5190, 0.2716, 0.2610
Android (android.graphics.Color)	4287795905 (0xFF9292C1)
YUV	151.3580, 20.5295, -4.6990
Hunter-Lab	55.2440, 5.9387, -20.0020

Details

The YUV color $151.3580, 20.5295, -4.6990$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.6420, -20.5295, 4.6990$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.9990, 21.6925, -4.3841$, and $100.3040, 19.0771, -5.5286$ is the 20% darker color. If you saturate the color by 10%, you get $134.5240, 28.8287, -6.5985$, and if you desaturate by 10%, it is $168.1920, 12.2303, -2.7994$.

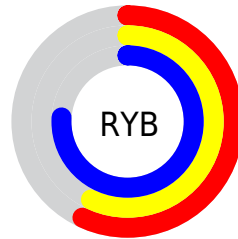
Distribution



Red (57%)

Green (57%)

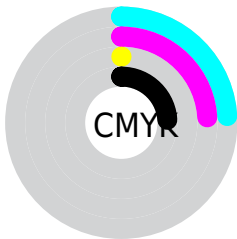
Blue (76%)



Red (57%)

Yellow (57%)

Blue (76%)

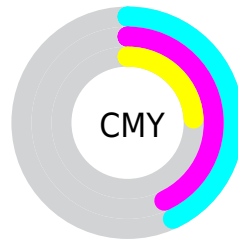


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3580, 20.5295, -4.6990 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 151.3580, 20.5295, -4.6990 by changing the saturation by 10% instead.

■ 151.3580, 20.5295,
-4.6990

■ 151.3580, 20.5295,
-4.6990

■ 255.0000, 0.0000,
0.0000

■ 125.2440, 20.0927,
-4.5990

■ 205.9990, 21.6925,
-4.3841

■ 100.3040, 19.0771,
-5.5286

■ 231.3770, 11.6461,
-2.0846

■ 76.1900, 18.6403,
-5.4286

■ 53.2500, 17.6247,
-6.3582

■ 31.0110, 16.7566,
-7.9026

■ 6.0760, 18.2035,
-5.3287

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 151.3580, 20.5295,
-4.6990

■ 151.3580, 20.5295,
-4.6990

■ 134.5240, 28.8287,
-6.5985

■ 168.1920, 12.2303,
-2.7994

■ 116.8040, 37.5646,
-8.5981

■ 185.9120, 3.4944,
-0.7998

■ 99.9700, 45.8638,
-10.4977

■ 202.7460, -4.8048,
1.0998

■ 83.1360, 54.1630,
-12.3973

■ 219.5800,
-13.1039, 2.9993

■ 66.3020, 62.4621,
-14.2969

■ 237.3000,
-21.8399, 4.9989

■ 48.5820, 71.1981,
-16.2964

■ 247.9320,
-27.0815, 6.1986

■ 31.7480, 79.4972,
-18.1960

■ 22.0020, 84.3020,
-19.2958

Harmonies

Analogous

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



146.2300, 24.5366, -30.0197



151.3580, 20.5295, -4.6990



153.6230, 12.0179, 18.7476

Triad

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



151.3580, 20.5295, -4.6990



151.1000, -18.2903, 33.2383



140.5020, 1.7245, -39.9053

Complementary

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



151.3580, 20.5295, -4.6990



187.6420, -20.5295, 4.6990

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.



143.8930, -11.2862, -20.0772



151.3580, 20.5295, -4.6990



149.5730, -22.4675, 19.6685

Square

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



151.3580, 20.5295, -4.6990



152.7230, -9.7234, 38.8309



146.8480, -19.6451, 1.0103



137.8560, 14.8610, -53.3707

Rectangle

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



151.3580, 20.5295, -4.6990



153.5660, 5.1440, 30.1986



146.8480, -19.6451, 1.0103



141.3950, -2.6597, -33.6724

Sweetspot

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



151.3580, 20.5295, -4.6990



234.0520, 7.8624, -1.7996



178.9470, 6.9281, -28.8945



116.1400, 4.3680, -0.9998



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.3580, 20.5295, -4.6990



185.3220, 31.8863, -7.2984



158.5340, 16.9917, 10.0557



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Inverse Universe

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



165.4110, 13.6014, 24.1956



207.1490, 21.1255, 37.5803



180.7650, -17.1391, -9.4409



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 151.3580, 20.5295, -4.6990 looks on a white background.

Color Contrast Check

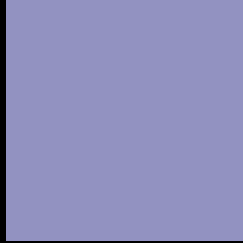
Large Text (above 18pt) WCAG AA × Fail

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 151.3580, 20.5295, -4.6990 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 151.3580, 20.5295, -4.6990

Background



This preview shows how black text looks on a background with the YUV color 151.3580, 20.5295, -4.6990.



This preview shows how white text looks on a background with the YUV color 151.3580, 20.5295, -4.6990.

-4.6990.

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

151.3580, 20.5295, -4.6990

Protanopia

150.3680, 22.0036, -10.8467

Deuteranopia

150.7490, 20.8297, -7.6729



Tritanopia

149.0790, 6.8631, -7.9623

Trichromacy



Original Color

151.3580, 20.5295, -4.6990

Protanomaly

150.5640, 21.4139, -8.3876

Deuteranomaly

151.0480, 20.6823, -7.0581

Tritanomaly

149.7570, 11.9518, -6.8029

Monochromacy



Original Color

151.3580, 20.5295, -4.6990

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3580, 20.5295, -4.6990 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(146, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 193)  
}
```

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(146, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 193) }
```

Border

The CSS property to change the border of an element to YUV 151.3580, 20.5295, -4.6990 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(146, 146, 193) }
```


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

```
.border{ border-color:rgb(146, 146, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 146, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 146, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 146, 193);  
box-shadow:4px 4px 4px 4px rgb(146, 146,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 151.3580, 20.5295, -4.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 193) }
```

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

```
.background{ background-color: rgb(146,  
146, 193) }
```

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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