

Converting Colors

YUV(111.8980, 31.6023,
-9.5575)

Have a look what the booklet for
YUV(111.8980, 31.6023, -9.5575)
contains.

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Color

**YUV(111.8980, 31.6023,
-9.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	6569B0
RGB	101, 105, 176
RGB Percent	40%, 41%, 69%
CMY	0.6039, 0.5882, 0.3098
CMYK	0.43, 0.40, 0.00, 0.31
HSL	237°, 32%, 54%
HSV	237°, 43%, 69%
XYZ	18.2549, 16.0044, 43.2013
YIQ	111.8980, -25.1750, 21.2330

Conversions

Conversions Part 2

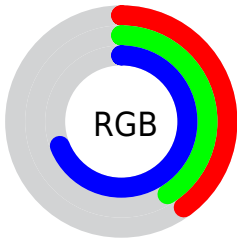
Format	Color
R _Y B	101, 105, 176
Decimal	6646192
CIE Lab	46.98, 17.01, -38.38
CIE LCh	47, 41.979, 293.910
Yxy	16.0044, 0.2357, 0.2066
Android (android.graphics.Color)	4284836272 (0xFF6569B0)
YUV	111.8980, 31.6023, -9.5575
Hunter-Lab	40.0056, 11.4414, -36.0224

Details

The YUV color **111.8980, 31.6023, -9.5575** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **165.1020, -31.6023, 9.5575**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3650, 33.3441, -8.2131**, and **62.4200, 29.8659, -12.6463** is the 20% darker color. If you saturate the color by 10%, you get **96.5370, 39.1753, -11.8719**, and if you desaturate by 10%, it is **127.2590, 24.0293, -7.2431**.

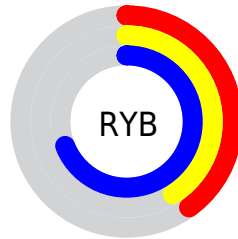
Distribution



Red (40%)

Green (41%)

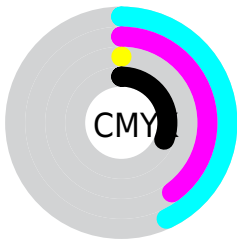
Blue (69%)



Red (40%)

Yellow (41%)

Blue (69%)

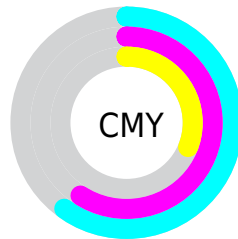


Cyan (43%)

Magenta (40%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (59%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8980, 31.6023, -9.5575 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 111.8980, 31.6023, -9.5575 by changing the saturation by 10% instead.

■ 111.8980, 31.6023,
-9.5575

■ 111.8980, 31.6023,
-9.5575

■ 255.0000, 0.0000,
0.0000

■ 86.9580, 30.5867,
-10.4872

■ 164.3650, 33.3441,
-8.2131

■ 62.4200, 29.8659,
-12.6463

■ 191.2080, 31.4495,
-7.1984

■ 37.9740, 29.5928,
-18.3942

■ 216.0160, 19.2191,
-4.3990

■ 18.3010, 26.9666,
-16.0500

■ 241.1230, 6.8414,
-0.9849

■ 6.2870, 21.5505,
-5.5137

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 111.8980, 31.6023,
-9.5575

■ 111.8980, 31.6023,
-9.5575

■ 96.5370, 39.1753,
-11.8719

■ 127.2590, 24.0293,
-7.2431

■ 82.0620, 46.3114,
-14.0864

■ 141.7340, 16.8931,
-5.0287

■ 66.7010, 53.8844,
-16.4008

■ 157.0950, 9.3202,
-2.7143

■ 51.6390, 61.3100,
-18.1004

■ 172.1570, 1.8946,
-1.0147

■ 36.8650, 68.5936,
-20.9296

■ 186.9310, -5.3890,
1.8145

■ 25.3470, 74.2719,
-22.2293

■ 202.2920,
-12.9620, 4.1289

■ 217.3540,
-20.3875, 5.8285

■ 232.1280,
-27.6711, 8.6577

■ 245.9940,
-34.5070, 7.8983

Harmonies

Analogous

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



89.3130, 45.2017, -78.3275



111.8980, 31.6023, -9.5575



115.1110, 18.6793, 28.8437

Triad

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



111.8980, 31.6023, -9.5575



110.1850, -27.2062, 46.3188



86.8780, 7.9481, -76.1920

Complementary

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



111.8980, 31.6023, -9.5575



165.1020, -31.6023, 9.5575

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.



98.7680, -15.1686, -34.8765



111.8980, 31.6023, -9.5575



108.1040, -34.5613, 25.3418

Square

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



111.8980, 31.6023, -9.5575



110.4480, -12.5459, 57.4891



104.9650, -30.5487, -1.7233



91.5690, 23.3835, -80.3060

Rectangle

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



111.8980, 31.6023, -9.5575



113.4030, 9.1683, 46.1276



104.9650, -30.5487, -1.7233



85.5100, 2.7066, -74.9923

Sweetspot

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



111.8980, 31.6023, -9.5575



204.0070, 12.8145, -3.5141



153.0050, 8.8715, -45.6084



98.7530, 8.0098, -2.4144



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



111.8980, 31.6023, -9.5575



129.5610, 49.5164, -15.4010



119.4170, 27.8954, 12.7893



81.6130, 3.6418, -1.4146



22.1380, 64.5150, -19.4150



3.5510, 11.0674, -3.1142

Inverse Universe

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



123.8810, -9.3083, 45.7084



148.0800, -14.3364, 71.8438



157.8820, -28.0428, -12.1745



82.8050, -0.8899, 5.4330



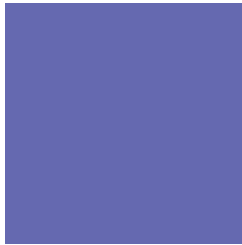
46.6590, -19.0589, 93.2611



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 111.8980, 31.6023, -9.5575 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 111.8980, 31.6023, -9.5575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

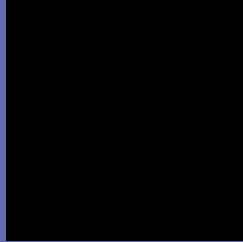
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.8980, 31.6023, -9.5575

Background



This preview shows how black text looks on a background with the YUV color 111.8980, 31.6023, -9.5575.



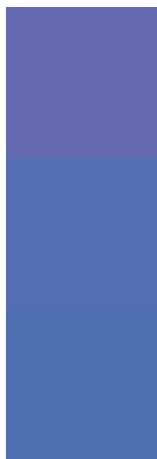
This preview shows how white text looks on a background with the YUV color 111.8980, 31.6023, -9.5575.

-9.5575.

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

111.8980, 31.6023, -9.5575

Protanopia

109.6190, 34.6978, -22.4679

Deuteranopia

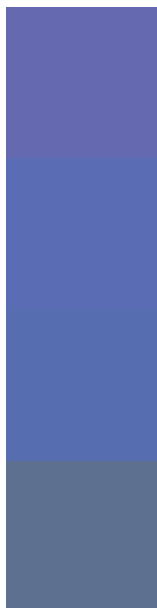
108.1300, 32.9669, -27.3010



Tritanopia

108.6540, 8.0586, -18.1136

Trichromacy



Original Color

111.8980, 31.6023, -9.5575

Protanomaly

110.7120, 33.6660, -18.1644

Deuteranomaly

109.6470, 32.2190, -20.7384

Tritanomaly

109.9670, 16.7783, -14.8801

Monochromacy



Original Color

111.8980, 31.6023, -9.5575

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6650, 11.5042, -3.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8980, 31.6023, -9.5575 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(101, 105, 176)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 176)  
}
```

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(101, 105, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 176) }
```

Border

The CSS property to change the border of an element to YUV 111.8980, 31.6023, -9.5575 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(101, 105, 176) }
```


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

```
.border{ border-color:rgb(101, 105, 176) }
```

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

Here you see how a box with a 4 pixel rgb(101, 105, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 105, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 105, 176);  
box-shadow:4px 4px 4px 4px rgb(101, 105,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 111.8980, 31.6023, -9.5575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 176) }
```

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

```
.background{ background-color: rgb(101,  
105, 176) }
```

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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