

Converting Colors

YUV(160.3980, 29.8768,
-16.1350)

Have a look what the booklet for
YUV(160.3980, 29.8768, -16.1350)
contains.

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Color

**YUV(160.3980, 29.8768,
-16.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9EDD
RGB	142, 158, 221
RGB Percent	56%, 62%, 87%
CMY	0.4431, 0.3804, 0.1333
CMYK	0.36, 0.29, 0.00, 0.13
HSL	228°, 54%, 71%
HSV	228°, 36%, 87%
XYZ	36.4333, 35.4250, 73.3241
YIQ	160.3980, -29.7590, 16.2010

Conversions

Conversions Part 2

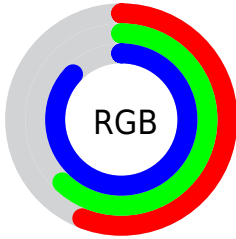
Format	Color
RYB	142, 155, 221
Decimal	9346781
CIELab	66.08, 9.42, -33.79
CIELCh	66, 35.080, 285.584
Yxy	35.4250, 0.2509, 0.2440
Android (android.graphics.Color)	4287536861 (0xFF8E9EDD)
YUV	160.3980, 29.8768, -16.1350
Hunter-Lab	59.5189, 5.1073, -31.3789

Details

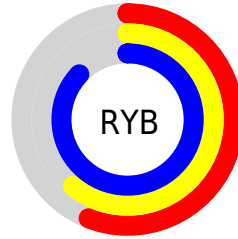
The YUV color **160.3980, 29.8768, -16.1350** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **202.6020, -29.8768, 16.1350**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7160, 20.8460, -12.9059**, and **108.0450, 28.5718, -17.5795** is the 20% darker color. If you saturate the color by 10%, you get **143.2540, 38.3288, -20.3938**, and if you desaturate by 10%, it is **177.5420, 21.4248, -11.8763**.

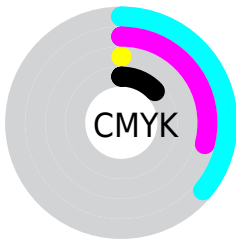
Distribution



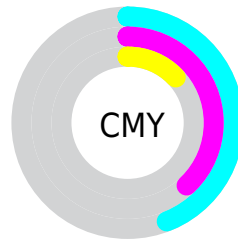
- Red (56%)
- Green (62%)
- Blue (87%)



- Red (56%)
- Yellow (61%)
- Blue (87%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3980, 29.8768, -16.1350 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 160.3980, 29.8768, -16.1350 by changing the saturation by 10% instead.

■ 160.3980, 29.8768,
-16.1350

■ 160.3980, 29.8768,
-16.1350

■ 255.0000, 0.0000,
0.0000

■ 133.8710, 29.1506,
-16.5499

■ 212.7160, 20.8460,
-12.9059

■ 108.0450, 28.5718,
-17.5795

■ 238.1110, 8.3263,
-10.6213

■ 83.1050, 27.5562,
-18.5091

■ 58.2680, 26.9829,
-21.2830

■ 33.0390, 27.5888,
-28.9752

■ 18.5630, 22.8934,
-16.2798

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 160.3980, 29.8768,
-16.1350

■ 160.3980, 29.8768,
-16.1350

■ 143.2540, 38.3288,
-20.3938

■ 177.5420, 21.4248,
-11.8763

■ 126.6970, 46.4914,
-25.1673

■ 194.0990, 13.2622,
-7.1028

■ 109.5530, 54.9434,
-29.4260

■ 211.2430, 4.8102,
-2.8441

■ 92.9960, 63.1060,
-34.1995

■ 227.8000, -3.3524,
1.9294

■ 75.5530, 71.7054,
-39.0730

■ 245.2430,
-11.9518, 6.8029

■ 58.4090, 80.1574,
-43.3317

■ 251.1240,
-14.8511, 3.3993

■ 51.6090, 83.5098,
-45.2611

Harmonies

Analogous

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



150.4210, 34.7954, -53.8662



160.3980, 29.8768, -16.1350



164.9740, 19.7328, 17.5628

Triad

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



160.3980, 29.8768, -16.1350



161.5640, -21.9701, 46.8634



146.6380, -1.3005, -49.6715

Complementary

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



160.3980, 29.8768, -16.1350



202.6020, -29.8768, 16.1350

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.



152.9440, -18.7064, -20.1219



160.3980, 29.8768, -16.1350



159.5160, -29.3414, 31.1195

Square

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



160.3980, 29.8768, -16.1350



163.3270, -9.0352, 51.4562



156.8890, -28.5393, 7.1133



138.9020, 18.2893, -79.7211

Rectangle

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



160.3980, 29.8768, -16.1350



164.7930, 10.9481, 35.2615



156.8890, -28.5393, 7.1133



149.0970, -7.4428, -39.5501

Sweetspot

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



160.3980, 29.8768, -16.1350



233.7140, 10.4940, -5.8882



195.4410, 4.2196, -46.8678



114.6990, 6.5574, -3.2440



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.



160.3980, 29.8768, -16.1350



171.0410, 41.3918, -22.8380



157.5840, 31.2641, 5.6268



101.4280, 4.2260, -2.1294



40.2670, 65.4374, -35.3142



10.5270, 17.4882, -9.2322

Inverse Universe

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



167.4450, -4.6564, 46.9677



180.5120, -6.1684, 65.3260



205.4160, -31.2641, -5.6268



102.5170, -0.7479, 6.5626



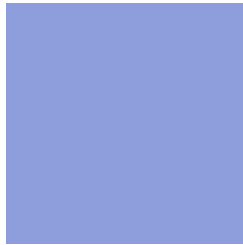
55.7170, -10.2135, 102.8572



14.7800, -2.8495, 27.3799

Previews

White Background



This preview shows how the YUV color 160.3980, 29.8768, -16.1350 looks on a white background.

Color Contrast Check

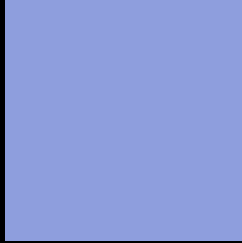
Large Text (above 18pt) WCAG AA × Fail

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 160.3980, 29.8768, -16.1350 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 160.3980, 29.8768, -16.1350 Background



This preview shows how black text looks on a background with the YUV color 160.3980, 29.8768, -16.1350.



This preview shows how white text looks on a background with the YUV color 160.3980, 29.8768, -16.1350.

-16.1350.

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

160.3980, 29.8768, -16.1350

Protanopia

160.3980, 29.8768, -16.1350

Deuteranopia

160.0990, 30.0242, -16.7498



Tritanopia

157.3160, 10.6902, -22.2021

Trichromacy



Original Color

160.3980, 29.8768, -16.1350

Protanomaly

160.3980, 29.8768, -16.1350

Deuteranomaly

160.0990, 30.0242, -16.7498

Tritanomaly

158.4610, 17.5207, -19.6983

Monochromacy



Original Color

160.3980, 29.8768, -16.1350

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8280, 10.9308, -5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3980, 29.8768, -16.1350 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(142, 158, 221)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 221)  
}
```

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(142, 158, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 221) }
```

Border

The CSS property to change the border of an element to YUV 160.3980, 29.8768, -16.1350 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(142, 158, 221) }
```


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

```
.border{ border-color:rgb(142, 158, 221) }
```

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

Here you see how a box with a 4 pixel rgb(142, 158, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 221);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 160.3980, 29.8768, -16.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 221) }
```

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

```
.background{ background-color: rgb(142,  
158, 221) }
```

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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