

Converting Colors

YUV(171.0350, 27.0977,
-11.4317)

Have a look what the booklet for
YUV(171.0350, 27.0977, -11.4317)
contains.

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Color

**YUV(171.0350, 27.0977,
-11.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA7E2
RGB	158, 167, 226
RGB Percent	62%, 65%, 89%
CMY	0.3804, 0.3451, 0.1137
CMYK	0.30, 0.26, 0.00, 0.11
HSL	232°, 54%, 75%
HSV	232°, 30%, 89%
XYZ	41.6467, 40.3975, 77.5540
YIQ	171.0350, -24.3030, 16.4410

Conversions

Conversions Part 2

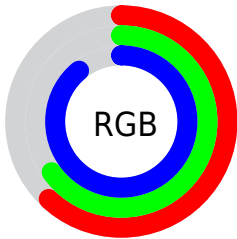
Format	Color
RYB	158, 166, 226
Decimal	10397666
CIELab	69.75, 10.15, -30.76
CIELCh	70, 32.395, 288.255
Yxy	40.3975, 0.2609, 0.2531
Android (android.graphics.Color)	4288587746 (0xFF9EA7E2)
YUV	171.0350, 27.0977, -11.4317
Hunter-Lab	63.5590, 5.7329, -27.8536

Details

The YUV color **171.0350, 27.0977, -11.4317** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212.9650, -27.0977, 11.4317**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3700, 15.5936, -8.2175**, and **118.2800, 25.4980, -11.6466** is the 20% darker color. If you saturate the color by 10%, you get **152.4180, 36.2759, -15.2756**, and if you desaturate by 10%, it is **189.6520, 17.9196, -7.5878**.

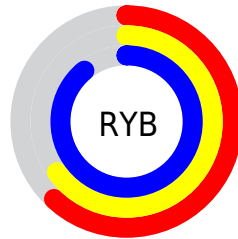
Distribution



Red (62%)

Green (65%)

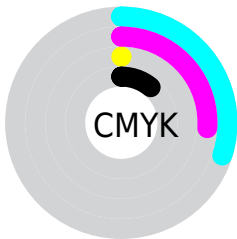
Blue (89%)



Red (62%)

Yellow (65%)

Blue (89%)

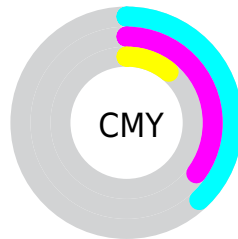


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0350, 27.0977, -11.4317 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 171.0350, 27.0977, -11.4317 by changing the saturation by 10% instead.

■ 171.0350, 27.0977,
-11.4317

■ 171.0350, 27.0977,
-11.4317

255.0000, 0.0000,
0.0000

■ 144.5080, 26.3716,
-11.8465

■ 223.3700, 15.5936,
-8.2175

■ 118.2800, 25.4980,
-11.6466

■ 249.0640, 2.9264,
-5.3181

■ 93.4540, 24.9192,
-12.6762

■ 68.6280, 24.3404,
-13.7058

■ 44.7910, 23.7670,
-16.4797

■ 22.5410, 22.9043,
-19.7685

■ 5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 171.0350, 27.0977,
-11.4317

■ 171.0350, 27.0977,
-11.4317

■ 152.4180, 36.2759,
-15.2756

■ 189.6520, 17.9196,
-7.5878

■ 134.6870, 45.0173,
-19.0195

■ 207.3830, 9.1782,
-3.8439

■ 116.0700, 54.1955,
-22.8634

■ 226.0000, 0.0000,
0.0000

■ 98.3390, 62.9369,
-26.6073

■ 243.7310, -8.7414,
3.7439

■ 79.7220, 72.1151,
-30.4512

■ 251.6940,
-12.6671, 2.8994

■ 61.1050, 81.2932,
-34.2951

■ 43.3740, 90.0346,
-38.0390

Harmonies

Analogous

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



163.5640, 31.2739, -44.3446



171.0350, 27.0977, -11.4317



174.7030, 17.4014, 18.6775

Triad

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



171.0350, 27.0977, -11.4317



171.6560, -21.5224, 43.2747



158.1760, -0.5798, -47.5124

Complementary

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



171.0350, 27.0977, -11.4317



212.9650, -27.0977, 11.4317

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.



163.2150, -16.3750, -21.2366



171.0350, 27.0977, -11.4317



169.8360, -28.0201, 27.3308

Square

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



171.0350, 27.0977, -11.4317



173.3760, -10.0454, 48.7822



166.5620, -25.9131, 4.7691



153.0390, 17.2358, -68.4402

Rectangle

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



171.0350, 27.0977, -11.4317



174.6250, 9.0589, 34.5319



166.5620, -25.9131, 4.7691



160.1510, -5.9904, -38.7204

Sweetspot

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



171.0350, 27.0977, -11.4317



236.3830, 9.1782, -3.8439



204.6420, 6.0925, -40.9050



115.8840, 5.9732, -2.5293



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.



171.0350, 27.0977, -11.4317



180.5320, 36.7127, -15.3756



173.2270, 26.0171, 8.5709



102.8410, 4.5154, -1.6146



33.5650, 70.2205, -29.4365



8.9940, 19.2300, -7.8877

Inverse Universe

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



179.3580, -6.0925, 40.9050



191.8760, -8.3199, 55.3597



210.7730, -26.0171, -8.5709



104.4030, -1.1847, 6.6626



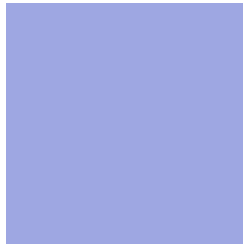
55.2460, -15.8973, 105.9013



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 171.0350, 27.0977, -11.4317 looks on a white background.

Color Contrast Check

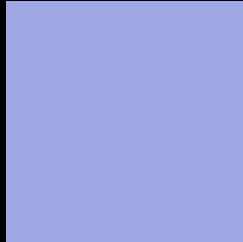
Large Text (above 18pt) WCAG AA × Fail

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 171.0350, 27.0977, -11.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

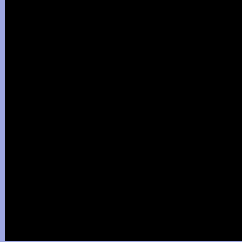
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0350, 27.0977, -11.4317

Background



This preview shows how black text looks on a background with the YUV color 171.0350, 27.0977, -11.4317.



This preview shows how white text looks on a background with the YUV color 171.0350, 27.0977, -11.4317.

-11.4317.

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

171.0350, 27.0977, -11.4317

Protanopia

170.5400, 27.8348, -14.5056

Deuteranopia

171.0240, 27.1032, -13.1760



Tritanopia

168.4200, 9.6529, -16.1543

Trichromacy



Original Color

171.0350, 27.0977, -11.4317

Protanomaly

170.8390, 27.6874, -13.8908

Deuteranomaly

171.3230, 26.9558, -12.5613

Tritanomaly

169.1520, 16.1941, -14.1653

Monochromacy



Original Color

171.0350, 27.0977, -11.4317

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0350, 27.0977, -11.4317 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(158, 167, 226)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 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(158, 167, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 226) }
```

Border

The CSS property to change the border of an element to YUV 171.0350, 27.0977, -11.4317 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(158, 167, 226) }
```


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

```
.border{ border-color:rgb(158, 167, 226) }
```

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

Here you see how a box with a 4 pixel rgb(158, 167, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 226);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 171.0350, 27.0977, -11.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 226) }
```

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

```
.background{ background-color: rgb(158,  
167, 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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