

Converting Colors

YUV(175.6940, 20.8569,
-16.3946)

Have a look what the booklet for
YUV(175.6940, 20.8569, -16.3946)
contains.

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Color

**YUV(175.6940, 20.8569,
-16.3946)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB1DA
RGB	157, 177, 218
RGB Percent	62%, 69%, 85%
CMY	0.3843, 0.3059, 0.1451
CMYK	0.28, 0.19, 0.00, 0.15
HSL	220°, 45%, 74%
HSV	220°, 28%, 85%
XYZ	42.2817, 43.6743, 72.5312
YIQ	175.6940, -25.0810, 8.5110

Conversions

Conversions Part 2

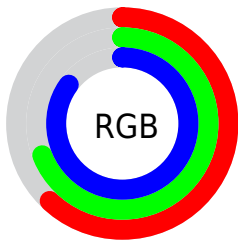
Format	Color
RYB	157, 172, 218
Decimal	10334682
CIELab	72.01, 2.33, -22.93
CIElCh	72, 23.046, 275.809
Yxy	43.6743, 0.2668, 0.2756
Android (android.graphics.Color)	4288524762 (0xFF9DB1DA)
YUV	175.6940, 20.8569, -16.3946
Hunter-Lab	66.0866, -1.4486, -18.8112

Details

The YUV color **175.6940, 20.8569, -16.3946** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **199.3060, -20.8569, 16.3946**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5280, 12.5577, -14.4951**, and **123.0530, 19.6939, -16.7095** is the 20% darker color. If you saturate the color by 10%, you get **160.3110, 28.4407, -22.1977**, and if you desaturate by 10%, it is **191.0770, 13.2730, -10.5915**.

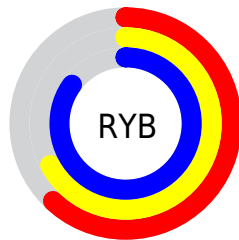
Distribution



Red (62%)

Green (69%)

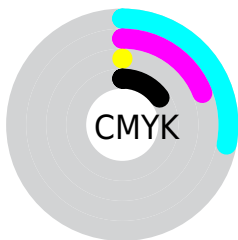
Blue (85%)



Red (62%)

Yellow (67%)

Blue (85%)

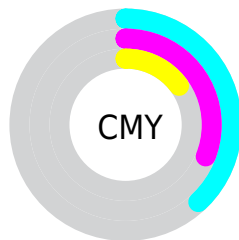


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (38%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6940, 20.8569, -16.3946 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 175.6940, 20.8569, -16.3946 by changing the saturation by 10% instead.

■ 175.6940, 20.8569,
-16.3946

■ 175.6940, 20.8569,
-16.3946

255.0000, 0.0000,
0.0000

■ 148.5800, 20.4201,
-16.2947

■ 229.5280, 12.5577,
-14.4951

■ 123.0530, 19.6939,
-16.7095

■ 250.8140, 2.0637,
-8.6069

■ 97.9390, 19.2571,
-16.6095

■ 73.4120, 18.5309,
-17.0243

■ 49.7000, 18.3889,
-18.1539

■ 25.9660, 18.2578,
-22.7722

■ 9.3700, 15.5936,

-8.2175

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 175.6940, 20.8569,
-16.3946

■ 175.6940, 20.8569,
-16.3946

■ 160.3110, 28.4407,
-22.1977

■ 191.0770, 13.2730,
-10.5915

■ 145.5150, 35.7351,
-28.5157

■ 205.8730, 5.9786,
-4.2736

■ 130.4310, 43.1715,
-33.7040

■ 220.9570, -1.4578,
0.9147

■ 115.0480, 50.7553,
-39.5071

■ 236.3400, -9.0416,
6.7178

■ 100.2520, 58.0498,
-45.8250

■ 247.8470,
-14.7146, 6.2732

■ 84.8690, 65.6336,
-51.6281

■ 250.7820,
-16.1615, 3.6992

■ 69.4860, 73.2174,
-57.4312

■ 66.5290, 74.6752,
-58.3459

Harmonies

Analogous

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



170.9860, 21.2059, -35.0677



175.6940, 20.8569, -16.3946



179.1590, 15.6976, 5.1226

Triad

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



175.6940, 20.8569, -16.3946



178.8920, -12.7648, 34.2977



170.0540, -5.4496, -25.4804

Complementary

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



175.6940, 20.8569, -16.3946



199.3060, -20.8569, 16.3946

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.



172.9440, -15.2554, -6.9669



175.6940, 20.8569, -16.3946



176.9420, -18.7054, 26.3609

Square

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



175.6940, 20.8569, -16.3946



179.7100, -3.3080, 34.4573



174.9140, -19.6776, 11.4764



167.9410, 5.9451, -40.2903

Rectangle

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



175.6940, 20.8569, -16.3946



179.7540, 9.9813, 18.6327



174.9140, -19.6776, 11.4764



171.0610, -9.3971, -19.3475

Sweetspot

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



175.6940, 20.8569, -16.3946



240.8020, 6.9996, -5.0884



197.4810, 0.2559, -35.5018



118.8300, 4.5208, -3.3589



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.



175.6940, 20.8569, -16.3946



194.9410, 29.6091, -23.6273



166.9440, 25.1706, 0.0491



102.0150, 3.9366, -2.6442



53.1810, 59.0708, -46.6397



14.0490, 15.7518, -12.3210

Inverse Universe

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



177.5190, -0.2559, 35.5018



197.3190, -0.1573, 50.5862



208.0560, -25.1706, -0.0491



102.6310, -0.3111, 6.4626



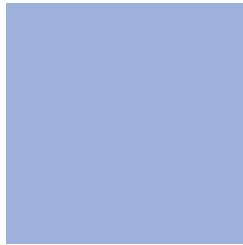
58.2250, -0.6039, 100.6577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 175.6940, 20.8569, -16.3946 looks on a white background.

Color Contrast Check

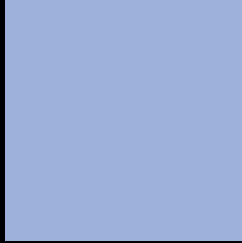
Large Text (above 18pt) WCAG AA × Fail

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 175.6940, 20.8569, -16.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

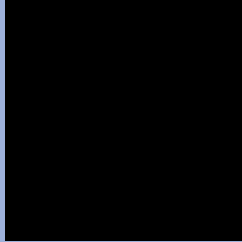
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.6940, 20.8569, -16.3946

Background



This preview shows how black text looks on a background with the YUV color 175.6940, 20.8569, -16.3946.



This preview shows how white text looks on a background with the YUV color 175.6940, 20.8569, -16.3946.

-16.3946.

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

175.6940, 20.8569, -16.3946

Protanopia

176.6950, 19.3774, -8.5025

Deuteranopia

177.9450, 20.2401, -5.2138



Tritanopia

173.9250, 10.3900, -19.2282

Trichromacy



Original Color

175.6940, 20.8569, -16.3946

Protanomaly

176.2000, 20.1144, -11.5764

Deuteranomaly

177.0370, 20.6878, -8.8024

Tritanomaly

174.8480, 13.8789, -18.2837

Monochromacy



Original Color

175.6940, 20.8569, -16.3946

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.6170, 7.5838, -5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6940, 20.8569, -16.3946 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, 177, 218)` looks like.

```
.text, #text, p{  
    color:rgb(157, 177, 218)  
}
```

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, 177, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 177, 218) }
```

Border

The CSS property to change the border of an element to YUV 175.6940, 20.8569, -16.3946 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, 177, 218) }
```


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

```
.border{ border-color:rgb(157, 177, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 177, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 177, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 177, 218);  
box-shadow:4px 4px 4px 4px rgb(157, 177,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 175.6940, 20.8569, -16.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 177, 218) }
```

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

```
.background{ background-color: rgb(157,  
177, 218) }
```

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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