

Converting Colors

YUV(175.8150, 20.7972, 2.7932)

Have a look what the booklet for
YUV(175.8150, 20.7972, 2.7932)
contains.

YUV(175.8150, 20.7972, 2.7932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.8150, 20.7972,
2.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A6DA
RGB	179, 166, 218
RGB Percent	70%, 65%, 85%
CMY	0.2980, 0.3490, 0.1451
CMYK	0.18, 0.24, 0.00, 0.15
HSL	255°, 41%, 75%
HSV	255°, 24%, 85%
XYZ	44.8815, 41.9181, 72.0552
YIQ	175.8150, -8.9440, 18.9280

Conversions

Conversions Part 2

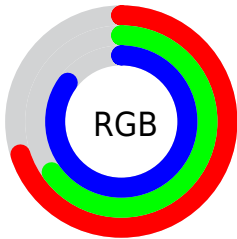
Format	Color
R_{YB}	179, 166, 218
Decimal	11773658
CIE _{Lab}	70.81, 15.16, -24.61
CIE _{LCh}	71, 28.900, 301.629
Yxy	41.9181, 0.2825, 0.2639
Android (android.graphics.Color)	4289963738 (0xFFB3A6DA)
YUV	175.8150, 20.7972, 2.7932
Hunter-Lab	64.7442, 10.4362, -20.6641

Details

The YUV color **175.8150, 20.7972, 2.7932** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **208.1850, -20.7972, -2.7932**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.0620, 12.7874, 5.2076**, and **123.1740, 19.6342, 2.4784** is the 20% darker color. If you saturate the color by 10%, you get **158.1170, 29.5223, 4.2824**, and if you desaturate by 10%, it is **193.5130, 12.0721, 1.3041**.

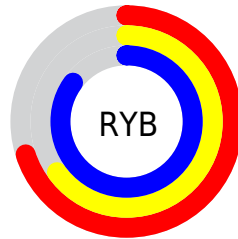
Distribution



Red (70%)

Green (65%)

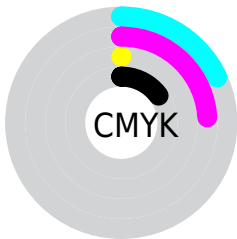
Blue (85%)



Red (70%)

Yellow (65%)

Blue (85%)

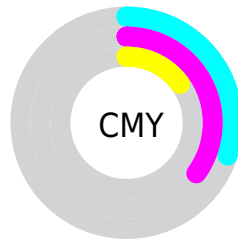


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8150, 20.7972, 2.7932 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 175.8150, 20.7972, 2.7932 by changing the saturation by 10% instead.

■ 175.8150, 20.7972,
2.7932

■ 175.8150, 20.7972,
2.7932

■ 255.0000, 0.0000,
0.0000

■ 149.2880, 20.0710,
2.3784

■ 229.0620, 12.7874,
5.2076

■ 123.1740, 19.6342,
2.4784

■ 252.0650, 1.4470,
2.5740

■ 98.3480, 19.0554,
1.4488

■ 73.8210, 18.3292,
1.0340

■ 51.1800, 17.1663,
0.7191

■ 29.3540, 16.5875,
-0.3105

■ 7.6640, 16.4346,

2.0487

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 175.8150, 20.7972,
2.7932

■ 175.8150, 20.7972,
2.7932

■ 158.1170, 29.5223,
4.2824

■ 193.5130, 12.0721,
1.3041

■ 140.1200, 38.3948,
5.1568

■ 211.5100, 3.1996,
0.4297

■ 123.0090, 46.8306,
6.1311

■ 228.6210, -5.2362,
-0.5446

■ 105.3110, 55.5557,
7.6203

■ 246.3190,
-13.9613, -2.0338

■ 87.3140, 64.4282,
8.4946

■ 250.7820,
-16.1615, 3.6992

■ 69.6160, 73.1533,
9.9838

■ 51.9180, 81.8784,
11.4729

■ 41.2970, 87.1146,
12.0175

Harmonies

Analogous

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



170.8330, 26.7043, -25.2865



175.8150, 20.7972, 2.7932



177.6240, 10.5384, 26.6398

Triad

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



175.8150, 20.7972, 2.7932



173.9600, -22.6583, 34.2381



161.2880, 6.2670, -50.2416

Complementary

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



175.8150, 20.7972, 2.7932



208.1850, -20.7972, -2.7932

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.



164.8210, -8.7858, -28.7840



175.8150, 20.7972, 2.7932



171.8670, -25.0774, 16.7796

Square

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



175.8150, 20.7972, 2.7932



175.6050, -14.1023, 43.3194



168.6900, -20.0602, -5.8671



159.7780, 19.8294, -60.3183

Rectangle

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



175.8150, 20.7972, 2.7932



176.9260, 2.5015, 37.7759



168.6900, -20.0602, -5.8671



162.3660, 1.2986, -43.2940

Sweetspot

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



175.8150, 20.7972, 2.7932



240.5470, 7.1253, 1.2743



194.8210, 11.4272, -25.2760



119.1510, 4.3626, 0.7446



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.



175.8150, 20.7972, 2.7932



195.1170, 29.5223, 4.2824



183.5890, 16.9646, 18.7774



100.8520, 4.5100, 0.1298



32.5790, 69.2276, 9.1392



8.5330, 18.4712, 2.1636

Inverse Universe

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



185.9940, 9.3700, 28.0693



209.5100, 13.5526, 39.8947



200.4110, -16.9646, -18.7774



103.2010, 1.8729, 5.9627



66.5470, 31.2823, 93.3593



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 175.8150, 20.7972, 2.7932 looks on a white background.

Color Contrast Check

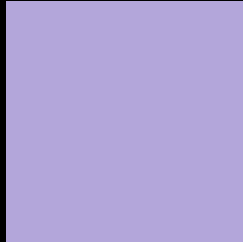
Large Text (above 18pt) WCAG AA × Fail

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 175.8150, 20.7972, 2.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

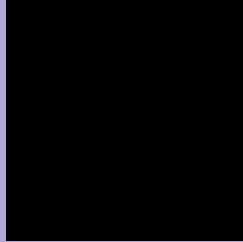
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.8150, 20.7972, 2.7932

Background



This preview shows how black text looks on a background with the YUV color 175.8150, 20.7972, 2.7932.



This preview shows how white text looks on a background with the YUV color 175.8150, 20.7972,

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

175.8150, 20.7972, 2.7932

Protanopia

173.5250, 23.8982, -11.8614

Deuteranopia

174.4610, 20.9717, -6.5433



Tritanopia

173.8950, 5.9678, -0.7849

Trichromacy



Original Color

175.8150, 20.7972, 2.7932

Protanomaly

174.3300, 23.0083, -6.4284

Deuteranomaly

175.0700, 20.6715, -3.5694

Tritanomaly

174.6870, 11.4933, 0.2745

Monochromacy



Original Color

175.8150, 20.7972, 2.7932

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.6610, 7.5621, 1.1743

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8150, 20.7972, 2.7932 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(179, 166, 218)` looks like.

```
.text, #text, p{  
    color:rgb(179, 166, 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(179, 166, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 166, 218) }
```

Border

The CSS property to change the border of an element to YUV 175.8150, 20.7972, 2.7932 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(179, 166, 218) }
```


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

```
.border{ border-color:rgb(179, 166, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 166, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 166, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 166, 218);  
box-shadow:4px 4px 4px 4px rgb(179, 166,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 175.8150, 20.7972, 2.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 166, 218) }
```

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

```
.background{ background-color: rgb(179,  
166, 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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