

Converting Colors

YUV(175.4040, 20.9998,
31.2177)

Have a look what the booklet for
YUV(175.4040, 20.9998, 31.2177)
contains.

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Color

**YUV(175.4040, 20.9998,
31.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	D395DA
RGB	211, 149, 218
RGB Percent	83%, 58%, 85%
CMY	0.1725, 0.4157, 0.1451
CMYK	0.03, 0.32, 0.00, 0.15
HSL	294°, 48%, 72%
HSV	294°, 32%, 85%
XYZ	50.2663, 40.4057, 71.4794
YIQ	175.4040, 14.8030, 34.6030

Conversions

Conversions Part 2

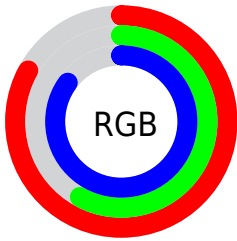
Format	Color
RYB	211, 149, 218
Decimal	13866458
CIELab	69.76, 34.70, -25.96
CIElCh	70, 43.337, 323.193
Yxy	40.4057, 0.3100, 0.2492
Android (android.graphics.Color)	4292056538 (0xFFD395DA)
YUV	175.4040, 20.9998, 31.2177
Hunter-Lab	63.5655, 29.9145, -22.1758

Details

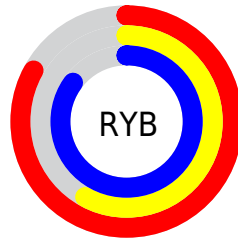
The YUV color **175.4040, 20.9998, 31.2177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **191.5960, -20.9998, -31.2177**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0630, 14.7589, 26.2547**, and **121.8660, 20.2791, 29.0585** is the 20% darker color. If you saturate the color by 10%, you get **161.8920, 27.6612, 41.3137**, and if you desaturate by 10%, it is **188.9160, 14.3384, 21.1217**.

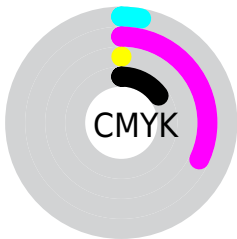
Distribution



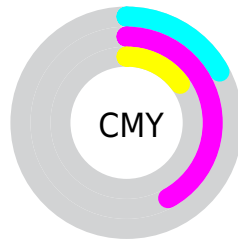
- Red (83%)
- Green (58%)
- Blue (85%)



- Red (83%)
- Yellow (58%)
- Blue (85%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.4040, 20.9998, 31.2177 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 175.4040, 20.9998, 31.2177 by changing the saturation by 10% instead.

 175.4040, 20.9998,
31.2177


 175.4040, 20.9998,
31.2177


255.0000, 0.0000,
0.0000


 148.5780, 20.4210,
30.1881


 225.0630, 14.7589,
26.2547


 121.8660, 20.2791,
29.0585

 241.4990, 6.6560,
11.8404

 96.3390, 19.5529,
28.6437

 71.6270, 19.4109,
27.5141

 47.2140, 19.1215,
26.9993

 23.0290, 19.7057,
26.2846

 15.1390, 12.7495,

17.4181

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 175.4040, 20.9998,
31.2177

■ 175.4040, 20.9998,
31.2177

■ 161.8920, 27.6612,
41.3137

■ 188.9160, 14.3384,
21.1217

■ 148.3800, 34.3227,
51.4097

■ 202.4280, 7.6770,
11.0256

■ 135.1560, 40.8421,
60.3762

■ 215.6520, 1.1576,
2.0592

■ 121.6440, 47.5035,
70.4722

■ 229.1640, -5.5039,
-8.0368

108.1320, 54.1649,
80.5682

240.9150,
-11.2971, -16.5885

94.6200, 60.8263,
90.6643

241.5130,
-11.5919, -15.3589

83.4560, 66.3302,
98.7011

242.1110,
-11.8867, -14.1293

243.0080,
-12.3289, -12.2850

243.6060,
-12.6238, -11.0555

Harmonies

Analogous

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



172.1090, 34.9493, -9.7426



175.4040, 20.9998, 31.2177



174.5740, 3.1680, 57.3786

Triad

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



175.4040, 20.9998, 31.2177



167.9260, -37.9245, 30.7599



134.9170, 32.0859, -118.3222

Complementary

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



175.4040, 20.9998, 31.2177



191.5960, -20.9998, -31.2177

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.



146.5140, 6.6486, -79.3808



175.4040, 20.9998, 31.2177



163.8790, -33.4643, 0.1061

Square

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



175.4040, 20.9998, 31.2177



170.4310, -30.2855, 53.9960



158.3720, -17.9314, -35.4062



135.6300, 47.5104, -118.9475

Rectangle

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



175.4040, 20.9998, 31.2177



172.7030, -9.2206, 64.2815



158.3720, -17.9314, -35.4062



133.4350, 26.4075, -117.0225

Sweetspot

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



175.4040, 20.9998, 31.2177



240.9010, 6.9508, 10.6108



161.5620, 27.8239, -11.0169



118.5970, 4.6357, 6.4924



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.



175.4040, 20.9998, 31.2177



195.0710, 29.5450, 43.7877



174.5330, 8.6112, 38.1206



103.2440, 3.3307, 5.0480



66.3660, 52.5706, 78.6090



17.5030, 14.0490, 20.6069

Inverse Universe

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



170.4290, -7.1135, 41.7198



188.1430, -9.9305, 58.6336



192.4670, -8.6112, -38.1206



102.4030, -1.1847, 6.6626



53.7790, -17.6390, 104.5568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 175.4040, 20.9998, 31.2177 looks on a white background.

Color Contrast Check

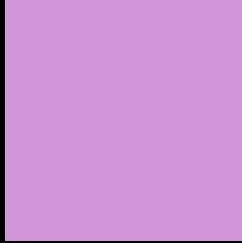
Large Text (above 18pt) WCAG AA × Fail

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 175.4040, 20.9998, 31.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

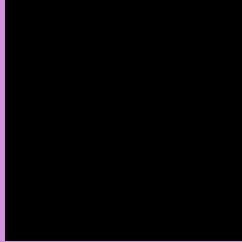
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.4040, 20.9998, 31.2177

Background



This preview shows how black text looks on a background with the YUV color 175.4040, 20.9998, 31.2177.



This preview shows how white text looks on a background with the YUV color 175.4040, 20.9998,

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

175.4040, 20.9998, 31.2177

Protanopia

171.0990, 30.0242, -16.7498

Deuteranopia

171.8740, 21.2611, -6.0285



Tritanopia

173.2360, -1.1023, 26.9800

Trichromacy



Original Color

175.4040, 20.9998, 31.2177



Protanomaly

172.6990, 26.7704, 0.2640



Deuteranomaly

172.9620, 21.2177, 7.9263



Tritanomaly

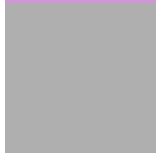
174.3100, 6.7492, 28.6691

Monochromacy



Original Color

175.4040, 20.9998, 31.2177



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.4280, 7.6770, 11.0256

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4040, 20.9998, 31.2177 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(211, 149, 218)` looks like.

```
.text, #text, p{  
    color:rgb(211, 149, 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(211, 149, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 149, 218) }
```

Border

The CSS property to change the border of an element to YUV 175.4040, 20.9998, 31.2177 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(211, 149, 218) }
```


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

```
.border{ border-color:rgb(211, 149, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 149, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 149, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 149, 218);  
box-shadow:4px 4px 4px 4px rgb(211, 149,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 175.4040, 20.9998, 31.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 149, 218) }
```

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

```
.background{ background-color: rgb(211,  
149, 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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