

Converting Colors

YUV(181.4040, 20.9998,
31.2177)

Have a look what the booklet for
YUV(181.4040, 20.9998, 31.2177)
contains.

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Color

**YUV(181.4040, 20.9998,
31.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	D99BE0
RGB	217, 155, 224
RGB Percent	85%, 61%, 88%
CMY	0.1490, 0.3922, 0.1216
CMYK	0.03, 0.31, 0.00, 0.12
HSL	294°, 53%, 74%
HSV	294°, 31%, 88%
XYZ	53.7912, 43.5762, 76.0970
YIQ	181.4040, 14.8030, 34.6030

Conversions

Conversions Part 2

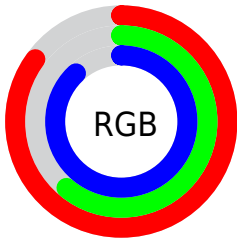
Format	Color
R _Y B	217, 155, 224
Decimal	14261216
CIE Lab	71.94, 34.51, -25.86
CIE LCh	72, 43.124, 323.156
Yxy	43.5762, 0.3101, 0.2512
Android (android.graphics.Color)	4292451296 (0xFFD99BE0)
YUV	181.4040, 20.9998, 31.2177
Hunter-Lab	66.0123, 29.9321, -22.1391

Details

The YUV color **181.4040, 20.9998, 31.2177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.5960, -20.9998, -31.2177**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **127.8660, 20.2791, 29.0585** is the 20% darker color. If you saturate the color by 10%, you get **167.8920, 27.6612, 41.3137**, and if you desaturate by 10%, it is **194.9160, 14.3384, 21.1217**.

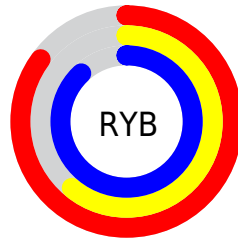
Distribution



Red (85%)

Green (61%)

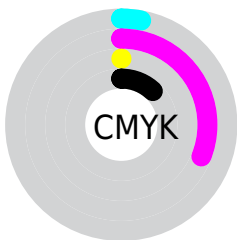
Blue (88%)



Red (85%)

Yellow (61%)

Blue (88%)

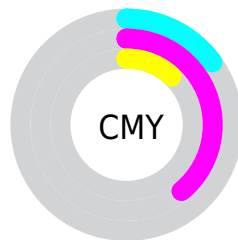


Cyan (3%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (15%)


Magenta (39%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.4040, 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 181.4040, 20.9998, 31.2177 by changing the saturation by 10% instead.

 181.4040, 20.9998,
31.2177


 181.4040, 20.9998,
31.2177


255.0000, 0.0000,
0.0000


 154.5780, 20.4210,
30.1881


 228.5850, 13.0226,
23.1660


 127.8660, 20.2791,
29.0585

 245.6080, 4.6303,
8.2368

 102.0400, 19.7003,
28.0289

 77.2140, 19.1215,
26.9993

 52.8010, 18.8321,
26.4845

 27.4420, 19.9951,
26.7994

 16.1930, 14.2019,

18.2477

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 181.4040, 20.9998,
31.2177

■ 181.4040, 20.9998,
31.2177

■ 167.8920, 27.6612,
41.3137

■ 194.9160, 14.3384,
21.1217

■ 153.4940, 34.7595,
51.3098

■ 209.3140, 7.2402,
11.1256

■ 139.9820, 41.4209,
61.4058

■ 222.8260, 0.5788,
1.0296

■ 125.8830, 48.3717,
72.0166

■ 236.9250, -6.3720,
-9.5812

■ 112.3710, 55.0331,
82.1126

■ 243.3930, -9.5607,
-13.4997

■ 98.5600, 61.8419,
91.5939

■ 244.2900,
-10.0030, -11.6553

■ 85.6350, 68.2139,
101.1751

■ 244.8880,
-10.2978, -10.4258

■ 245.4860,
-10.5926, -9.1962

■ 246.0840,
-10.8874, -7.9667

Harmonies

Analogous

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



177.5220, 35.2387, -9.2278



181.4040, 20.9998, 31.2177



180.5740, 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.



181.4040, 20.9998, 31.2177



173.9260, -37.9245, 30.7599



139.1230, 32.9704, -122.0109

Complementary

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



181.4040, 20.9998, 31.2177



197.5960, -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.



153.4110, 6.2064, -77.5364



181.4040, 20.9998, 31.2177



170.1780, -33.6118, 0.7209

Square

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



181.4040, 20.9998, 31.2177



176.4310, -30.2855, 53.9960



164.3720, -17.9314, -35.4062



139.8360, 48.3949, -122.6362

Rectangle

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



181.4040, 20.9998, 31.2177



178.7030, -9.2206, 64.2815



164.3720, -17.9314, -35.4062



137.6410, 27.2920, -120.7112

Sweetspot

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



181.4040, 20.9998, 31.2177



240.9010, 6.9508, 10.6108



167.5620, 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.



181.4040, 20.9998, 31.2177



196.8320, 28.6768, 42.2433



180.5330, 8.6112, 38.1206



105.2440, 3.3307, 5.0480



67.3060, 53.5861, 79.5386



18.6280, 14.4804, 22.2512

Inverse Universe

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



176.4290, -7.1135, 41.7198



190.1320, -9.9251, 56.8892



198.4670, -8.6112, -38.1206



104.4030, -1.1847, 6.6626



54.6760, -18.0813, 106.4011



14.9220, -4.8915, 29.0094

Previews

White Background



This preview shows how the YUV color 181.4040, 20.9998, 31.2177 looks on a white background.

Color Contrast Check

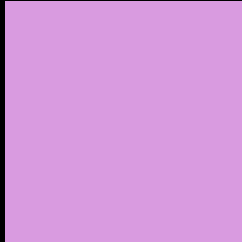
Large Text (above 18pt) WCAG AA × Fail

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 181.4040, 20.9998, 31.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

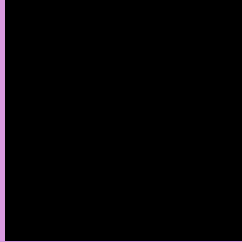
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.4040, 20.9998, 31.2177

Background



This preview shows how black text looks on a background with the YUV color 181.4040, 20.9998, 31.2177.



This preview shows how white text looks on a background with the YUV color 181.4040, 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

181.4040, 20.9998, 31.2177

Protanopia

176.5120, 30.3136, -16.2350

Deuteranopia

177.8740, 21.2611, -6.0285



Tritanopia

179.2360, -1.1023, 26.9800

Trichromacy



Original Color

181.4040, 20.9998, 31.2177



Protanomaly

178.1120, 27.0598, 0.7788



Deuteranomaly

178.9620, 21.2177, 7.9263



Tritanomaly

180.3100, 6.7492, 28.6691

Monochromacy



Original Color

181.4040, 20.9998, 31.2177



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.4280, 7.6770, 11.0256

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4040, 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(217, 155, 224)` looks like.

```
.text, #text, p{  
    color:rgb(217, 155, 224)  
}
```

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(217, 155, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 155, 224) }
```

Border

The CSS property to change the border of an element to YUV 181.4040, 20.9998, 31.2177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

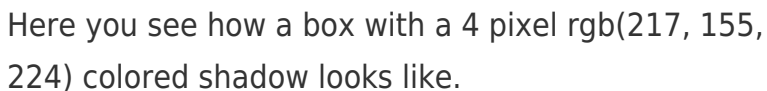
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 155, 224) }
```


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

```
.border{ border-color:rgb(217, 155, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 155, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 155, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 155, 224); box-shadow:4px 4px 4px 4px rgb(217, 155, 224) }
```

Background

The CSS property to change the background color of an element to YUV 181.4040, 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(217, 155, 224) }
```

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

```
.background{ background-color: rgb(217,  
155, 224) }
```

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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