

Converting Colors

YUV(181.6040, 20.9012,
16.1333)

Have a look what the booklet for
YUV(181.6040, 20.9012, 16.1333)
contains.

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Color

**YUV(181.6040, 20.9012,
16.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A4E0
RGB	200, 164, 224
RGB Percent	78%, 64%, 88%
CMY	0.2157, 0.3569, 0.1216
CMYK	0.11, 0.27, 0.00, 0.12
HSL	276°, 49%, 76%
HSV	276°, 27%, 88%
XYZ	50.5494, 44.2121, 76.3906
YIQ	181.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

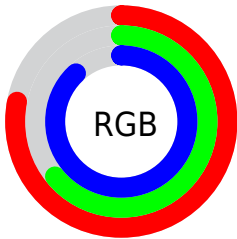
Format	Color
R _Y B	200, 164, 224
Decimal	13149408
CIE Lab	72.37, 24.20, -25.35
CIE LCh	72, 35.045, 313.662
Yxy	44.2121, 0.2953, 0.2583
Android (android.graphics.Color)	4291339488 (0xFFC8A4E0)
YUV	181.6040, 20.9012, 16.1333
Hunter-Lab	66.4922, 19.3399, -21.5717

Details

The YUV color **181.6040, 20.9012, 16.1333** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **206.3960, -20.9012, -16.1333**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **128.3650, 20.0331, 14.5889** is the 20% darker color. If you saturate the color by 10%, you get **165.9990, 28.5945, 21.9259**, and if you desaturate by 10%, it is **197.2090, 13.2080, 10.3407**.

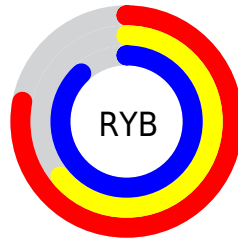
Distribution



Red (78%)

Green (64%)

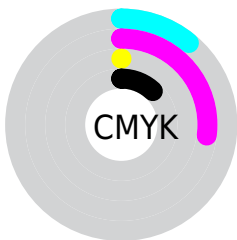
Blue (88%)



Red (78%)

Yellow (64%)

Blue (88%)

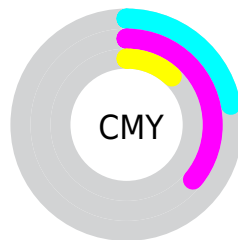


Cyan (11%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (22%)


Magenta (36%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.6040, 20.9012, 16.1333 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 181.6040, 20.9012, 16.1333 by changing the saturation by 10% instead.


 181.6040, 20.9012,
16.1333


 181.6040, 20.9012,
16.1333


255.0000, 0.0000,
0.0000


 154.7780, 20.3224,
15.1037


 233.8680, 10.4181,
18.5328


 128.3650, 20.0331,
14.5889

 250.8910, 2.0257,
3.6036

 102.8380, 19.3069,
14.1741

 78.3110, 18.5807,
13.7593

 55.0720, 17.7125,
12.2149

 32.6590, 17.4231,
11.7001

 12.9040, 15.8233,

11.4852

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 181.6040, 20.9012,
16.1333

■ 181.6040, 20.9012,
16.1333

■ 165.9990, 28.5945,
21.9259

■ 197.2090, 13.2080,
10.3407

■ 149.8070, 36.5771,
28.2333

■ 213.4010, 5.2253,
4.0333

■ 134.2020, 44.2704,
34.0258

■ 229.0060, -2.4680,
-1.7593

■ 118.0100, 52.2531,
40.3332

■ 245.1980,
-10.4506, -8.0666

■ 102.4050, 59.9463,
46.1258

■ 248.4760,
-12.0667, -3.0485

■ 86.8000, 67.6396,
51.9184

■ 251.1670,
-13.3933, 2.4845

■ 70.6080, 75.6223,
58.2258

■ 251.4660,
-13.5407, 3.0993

■ 65.6020, 78.0902,
59.9850

Harmonies

Analogous

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



177.2020, 30.4664, -18.5942



181.6040, 20.9012, 16.1333



181.8000, 7.0006, 41.3944

Triad

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



181.6040, 20.9012, 16.1333



176.7120, -29.9310, 33.5786



158.0660, 16.2365, -74.6029

Complementary

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



181.6040, 20.9012, 16.1333



206.3960, -20.9012, -16.1333

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.



164.7800, -3.3425, -48.0421



181.6040, 20.9012, 16.1333



174.0850, -29.1289, 9.5725

Square

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



181.6040, 20.9012, 16.1333



178.9880, -21.6861, 49.1225



170.3140, -19.8748, -18.6924



157.6320, 31.2404, -80.3613

Rectangle

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



181.6040, 20.9012, 16.1333



181.2220, -3.0674, 50.6713



170.3140, -19.8748, -18.6924



160.1010, 9.8102, -66.7406

Sweetspot

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



181.6040, 20.9012, 16.1333



240.8680, 6.9671, 5.3778



184.9280, 19.2625, -18.3539



118.5750, 4.6465, 3.0037



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.



181.6040, 20.9012, 16.1333



196.9990, 28.5945, 21.9259



188.0960, 14.7427, 31.4878



104.3470, 3.7729, 3.2037



51.7580, 61.2513, 47.5702



14.1430, 16.6915, 13.0296

Inverse Universe

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



184.6760, 1.6387, 34.4871



201.2800, 2.3270, 47.1124



199.9040, -14.7427, -31.4878



104.7450, 0.1257, 6.3626



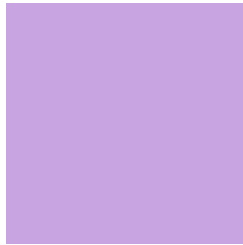
60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 181.6040, 20.9012, 16.1333 looks on a white background.

Color Contrast Check

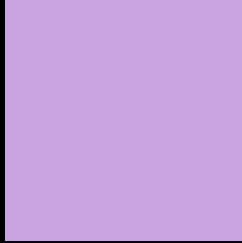
Large Text (above 18pt) WCAG AA × Fail

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 181.6040, 20.9012, 16.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

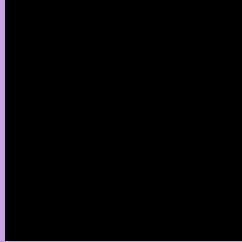
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.6040, 20.9012, 16.1333

Background



This preview shows how black text looks on a background with the YUV color 181.6040, 20.9012, 16.1333.



This preview shows how white text looks on a background with the YUV color 181.6040, 20.9012, 16.1333.

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

181.6040, 20.9012, 16.1333

Protanopia

178.1980, 26.5244, -14.2056

Deuteranopia

178.8740, 21.2611, -6.0285



Tritanopia

179.4730, 2.7248, 12.7402

Trichromacy



Original Color

181.6040, 20.9012, 16.1333

Protanomaly

179.6940, 24.3079, -3.2396

Deuteranomaly

179.6300, 21.3814, 2.0785

Tritanomaly

179.9060, 9.4133, 14.1144

Monochromacy



Original Color

181.6040, 20.9012, 16.1333

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.6940, 7.5459, 6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.6040, 20.9012, 16.1333 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(200, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 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(200, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 224) }
```

Border

The CSS property to change the border of an element to YUV 181.6040, 20.9012, 16.1333 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(200, 164, 224) }
```


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

```
.border{ border-color:rgb(200, 164, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 181.6040, 20.9012, 16.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 224) }
```

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

```
.background{ background-color: rgb(200,  
164, 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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