

Converting Colors

YUV(181.6340, 12.0124,
20.4920)

Have a look what the booklet for
YUV(181.6340, 12.0124, 20.4920)
contains.

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Color

**YUV(181.6340, 12.0124,
20.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA5CE
RGB	205, 165, 206
RGB Percent	80%, 65%, 81%
CMY	0.1961, 0.3529, 0.1922
CMYK	0.00, 0.20, 0.00, 0.19
HSL	299°, 29%, 73%
HSV	299°, 20%, 81%
XYZ	49.7725, 44.3456, 64.3288
YIQ	181.6340, 10.6790, 21.2310

Conversions

Conversions Part 2

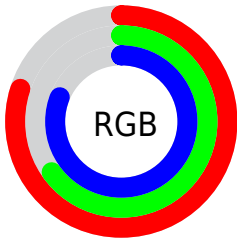
Format	Color
R _Y B	205, 165, 206
Decimal	13477326
CIE Lab	72.46, 21.73, -15.31
CIE LCh	72, 26.576, 324.837
Yxy	44.3456, 0.3141, 0.2799
Android (android.graphics.Color)	4291667406 (0xFFCDA5CE)
YUV	181.6340, 12.0124, 20.4920
Hunter-Lab	66.5925, 16.8775, -10.6597

Details

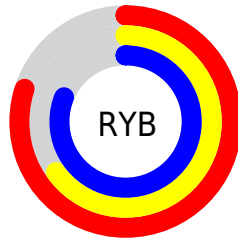
The YUV color **181.6340, 12.0124, 20.4920** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **189.3660, -12.0124, -20.4920**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **128.5090, 11.5811, 18.8476** is the 20% darker color. If you saturate the color by 10%, you get **169.0080, 18.2371, 30.6880**, and if you desaturate by 10%, it is **194.2600, 5.7878, 10.2960**.

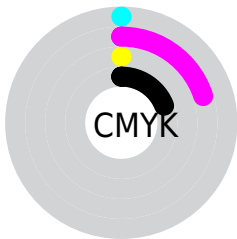
Distribution



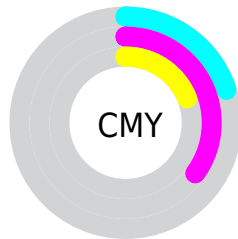
- Red (80%)
- Green (65%)
- Blue (81%)



- Red (80%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.6340, 12.0124, 20.4920 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 181.6340, 12.0124, 20.4920 by changing the saturation by 10% instead.

 181.6340, 12.0124,
20.4920


 181.6340, 12.0124,
20.4920


255.0000, 0.0000,
0.0000


 154.8080, 11.4337,
19.4624


 234.4550, 10.1287,
18.0180


 128.5090, 11.5811,
18.8476

 251.4780, 1.7363,
3.0888

 103.0960, 11.2917,
18.3328

 78.6830, 11.0023,
17.8180

 55.8570, 10.4235,
16.7884

 33.1450, 10.2815,
15.6588

 13.3300, 9.6973,

16.3736

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 181.6340, 12.0124,
20.4920

■ 181.6340, 12.0124,
20.4920

■ 169.0080, 18.2371,
30.6880

■ 194.2600, 5.7878,
10.2960

■ 157.2680, 24.0249,
40.9840

■ 206.0000, 0.0000,
0.0000

■ 144.6420, 30.2495,
51.1800

■ 218.6260, -6.2246,
-10.1960

■ 132.9020, 36.0373,
61.4759

■ 230.3660,
-12.0124, -20.4920

■ 120.2760, 42.2619,
71.6719

■ 235.3610,
-14.4750, -23.9956

■ 107.9490, 48.3391,
82.4827

■ 235.6600,
-14.6224, -23.3808

■ 95.9100, 54.2744,
92.1639

■ 235.9590,
-14.7698, -22.7660

■ 83.5830, 60.3516,
102.9747

Harmonies

Analogous

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



179.4830, 20.9609, -3.0546



181.6340, 12.0124, 20.4920



181.4590, 0.7597, 36.4315

Triad

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



181.6340, 12.0124, 20.4920



177.0460, -23.1937, 19.2537



166.2690, 15.1504, -52.8559

Complementary

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



181.6340, 12.0124, 20.4920



189.3660, -12.0124, -20.4920

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.



167.6050, 2.1667, -41.7496



181.6340, 12.0124, 20.4920



174.0220, -20.2238, -0.0193

Square

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



181.6340, 12.0124, 20.4920



179.0570, -19.7481, 34.1530



170.9960, -10.8440, -21.9215



169.1800, 23.5753, -48.3929

Rectangle

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



181.6340, 12.0124, 20.4920



180.7170, -7.2555, 40.5902



170.9960, -10.8440, -21.9215



166.2540, 11.2138, -50.2118

Sweetspot

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



181.6340, 12.0124, 20.4920



246.1950, 4.3409, 7.7220



170.2610, 17.6193, -4.6139



122.4180, 2.7519, 4.0184



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.



181.6340, 12.0124, 20.4920



218.8940, 17.8003, 30.7880



179.7670, 3.5659, 23.0063



96.1300, 2.8939, 5.1480



67.3620, 48.6285, 82.9975



15.3950, 11.1443, 18.9476

Inverse Universe

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



177.3730, -5.6069, 25.1059



212.3530, -8.5550, 37.4014



191.2330, -3.5659, -23.0063



94.9900, -1.4741, 6.1478



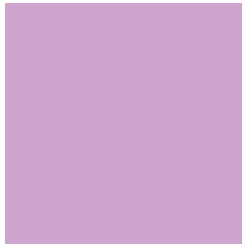
50.0900, -22.7224, 101.6531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 181.6340, 12.0124, 20.4920 looks on a white background.

Color Contrast Check

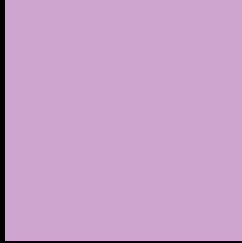
Large Text (above 18pt) WCAG AA × Fail

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 181.6340, 12.0124, 20.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

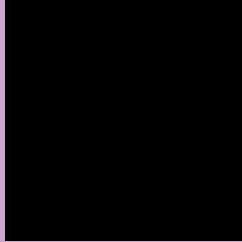
Any Text WCAG AA ✓ Pass

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 181.6340, 12.0124, 20.4920 Background



This preview shows how black text looks on a background with the YUV color 181.6340, 12.0124, 20.4920.



This preview shows how white text looks on a background with the YUV color 181.6340, 12.0124,

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

181.6340, 12.0124, 20.4920

Protanopia

178.5380, 17.4828, -7.4878

Deuteranopia

179.5240, 12.0667, 3.0485



Tritanopia

180.3490, 0.8139, 18.9879

Trichromacy



Original Color

181.6340, 12.0124, 20.4920

Protanomaly

179.7350, 15.4136, 2.8634

Deuteranomaly

180.2690, 12.1924, 9.4111

Tritanomaly

181.0870, 4.8871, 19.2177

Monochromacy



Original Color

181.6340, 12.0124, 20.4920

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.6340, 12.0124, 20.4920 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(205, 165, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 165, 206)  
}
```

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(205, 165, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 165, 206) }
```

Border

The CSS property to change the border of an element to YUV 181.6340, 12.0124, 20.4920 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(205, 165, 206) }
```


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

```
.border{ border-color:rgb(205, 165, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 165, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 165,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 181.6340, 12.0124, 20.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 165, 206) }
```

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

```
.background{ background-color: rgb(205,  
165, 206) }
```

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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