

Converting Colors

YUV(165.3240, 12.1653,
18.1329)

Have a look what the booklet for
YUV(165.3240, 12.1653, 18.1329)
contains.

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Color

**YUV(165.3240, 12.1653,
18.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	BA96BE
RGB	186, 150, 190
RGB Percent	73%, 59%, 75%
CMY	0.2706, 0.4118, 0.2549
CMYK	0.02, 0.21, 0.00, 0.25
HSL	294°, 24%, 67%
HSV	294°, 21%, 75%
XYZ	40.4503, 35.9695, 53.5260
YIQ	165.3240, 8.6160, 20.0720

Conversions

Conversions Part 2

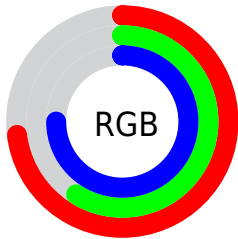
Format	Color
RYB	186, 150, 190
Decimal	12228286
CIELab	66.50, 20.51, -15.61
CIELCh	66, 25.772, 322.721
Yxy	35.9695, 0.3113, 0.2768
Android (android.graphics.Color)	4290418366 (0xFFBA96BE)
YUV	165.3240, 12.1653, 18.1329
Hunter-Lab	59.9746, 15.4352, -10.9329

Details

The YUV color **165.3240, 12.1653, 18.1329** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.6760, -12.1653, -18.1329**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1500, 12.7440, 19.1624**, and **113.1990, 11.7339, 16.4885** is the 20% darker color. If you saturate the color by 10%, you get **153.5730, 17.9585, 26.6845**, and if you desaturate by 10%, it is **177.0750, 6.3720, 9.5812**.

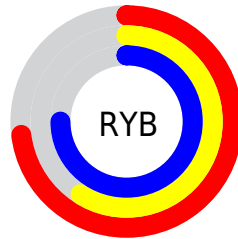
Distribution



Red (73%)

Green (59%)

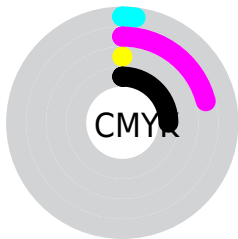
Blue (75%)



Red (73%)

Yellow (59%)

Blue (75%)

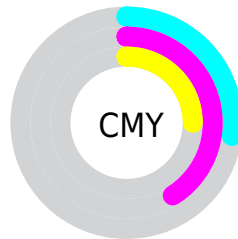


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (41%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3240, 12.1653, 18.1329 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 165.3240, 12.1653, 18.1329 by changing the saturation by 10% instead.

■ 165.3240, 12.1653,
18.1329

■ 165.3240, 12.1653,
18.1329

255.0000, 0.0000,
0.0000

■ 138.9110, 11.8759,
17.6181

■ 220.1500, 12.7440,
19.1624

■ 113.1990, 11.7339,
16.4885

■ 242.0860, 6.3666,
11.3256

■ 88.6720, 11.0077,
16.0737

■ 64.9600, 10.8657,
14.9441

■ 42.4330, 10.1395,
14.5293

■ 20.1340, 10.2869,
13.9145

■ 3.1770, 8.2937,

-0.1552

■ 0.0000, 0.0000,
0.0000

■ 165.3240, 12.1653,
18.1329

■ 165.3240, 12.1653,
18.1329

■ 153.5730, 17.9585,
26.6845

■ 177.0750, 6.3720,
9.5812

■ 141.8220, 23.7518,
35.2361

■ 188.8260, 0.5788,
1.0296

■ 130.0710, 29.5450,
43.7877

■ 200.5770, -5.2145,
-7.5220

■ 118.3200, 35.3382,
52.3394

■ 212.3280,
-11.0077, -16.0737

■ 106.5690, 41.1315,
60.8910

■ 224.0790,
-16.8009, -24.6253

■ 95.1170, 46.7773,
70.0574

■ 230.2480,
-19.8423, -29.1585

■ 83.3660, 52.5706,
78.6090

■ 230.8460,
-20.1371, -27.9289

■ 72.7890, 57.7850,
86.1310

■ 231.4440,
-20.4319, -26.6994

■ 232.0420,
-20.7267, -25.4698

Harmonies

Analogous

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



163.2440, 20.0927, -4.5990



165.3240, 12.1653, 18.1329



165.2630, 1.3493, 33.9723

Triad

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



165.3240, 12.1653, 18.1329



160.9860, -22.1781, 20.1833



150.0520, 14.2714, -50.9116

Complementary

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



165.3240, 12.1653, 18.1329



174.6760, -12.1653, -18.1329

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.



152.1000, 1.4297, -38.6757



165.3240, 12.1653, 18.1329



158.8480, -19.6451, 1.0103

Square

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



165.3240, 12.1653, 18.1329



163.1000, -18.2903, 33.2383



155.3060, -10.9969, -19.5624



152.2510, 22.5543, -47.5781

Rectangle

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



165.3240, 12.1653, 18.1329



164.7490, -5.7923, 37.9311



155.3060, -10.9969, -19.5624



150.9230, 9.8980, -48.1675

Sweetspot

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



165.3240, 12.1653, 18.1329



238.4830, 4.1989, 6.5924



156.9080, 16.3144, -6.0583



119.4180, 2.7519, 4.0184



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.3240, 12.1653, 18.1329



209.3990, 18.5373, 27.7141



164.8100, 5.0237, 22.0916



88.4180, 2.7519, 4.0184



60.4700, 48.0823, 71.5018



11.9060, 9.4133, 14.1144

Inverse Universe

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



162.4160, -4.1491, 24.1912



204.9230, -6.3710, 36.9015



175.1900, -5.0237, -22.0916



87.8050, -0.8899, 5.4330



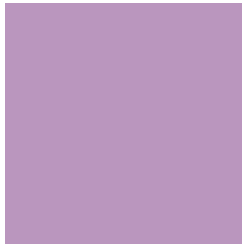
49.0660, -16.3015, 95.5351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 165.3240, 12.1653, 18.1329 looks on a white background.

Color Contrast Check

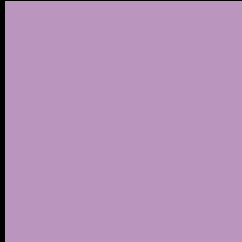
Large Text (above 18pt) WCAG AA × Fail

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 165.3240, 12.1653, 18.1329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

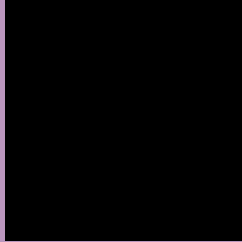
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.3240, 12.1653, 18.1329

Background



This preview shows how black text looks on a background with the YUV color 165.3240, 12.1653, 18.1329.



This preview shows how white text looks on a background with the YUV color 165.3240, 12.1653, 18.1329.

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

165.3240, 12.1653, 18.1329

Protanopia

162.4240, 17.0460, -7.3878

Deuteranopia

163.5130, 12.0721, 1.3041



Tritanopia

164.0390, 0.9668, 16.6288

Trichromacy



Original Color

165.3240, 12.1653, 18.1329

Protanomaly

163.3220, 15.1243, 2.3486

Deuteranomaly

164.2580, 12.1978, 7.6667

Tritanomaly

164.7770, 5.0399, 16.8586

Monochromacy



Original Color

165.3240, 12.1653, 18.1329

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.4830, 4.1989, 6.5924

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3240, 12.1653, 18.1329 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(186, 150, 190)` looks like.

```
.text, #text, p{  
    color:rgb(186, 150, 190)  
}
```

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(186, 150, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 150, 190) }
```

Border

The CSS property to change the border of an element to YUV 165.3240, 12.1653, 18.1329 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(186, 150, 190) }
```


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

```
.border{ border-color:rgb(186, 150, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 150, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 150, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 150, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 150,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 165.3240, 12.1653, 18.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 150, 190) }
```

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

```
.background{ background-color: rgb(186,  
150, 190) }
```

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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