

Converting Colors

YUV(160.3600, 21.0215,
24.2403)

Have a look what the booklet for
YUV(160.3600, 21.0215, 24.2403)
contains.

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Color

**YUV(160.3600, 21.0215,
24.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8ACB
RGB	188, 138, 203
RGB Percent	74%, 54%, 80%
CMY	0.2627, 0.4588, 0.2039
CMYK	0.07, 0.32, 0.00, 0.20
HSL	286°, 38%, 67%
HSV	286°, 32%, 80%
XYZ	40.6070, 33.1801, 60.7641
YIQ	160.3600, 8.9350, 30.8150

Conversions

Conversions Part 2

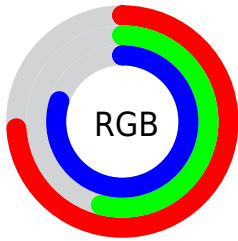
Format	Color
RYB	188, 138, 203
Decimal	12356299
CIELab	64.31, 30.43, -26.20
CIELCh	64, 40.158, 319.271
Yxy	33.1801, 0.3018, 0.2466
Android (android.graphics.Color)	4290546379 (0xFFBC8ACB)
YUV	160.3600, 21.0215, 24.2403
Hunter-Lab	57.6022, 25.0308, -22.2230

Details

The YUV color **160.3600, 21.0215, 24.2403** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180.6400, -21.0215, -24.2403**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0290, 19.7057, 26.2846**, and **108.1210, 20.1533, 22.6959** is the 20% darker color. If you saturate the color by 10%, you get **147.1250, 27.5464, 31.4624**, and if you desaturate by 10%, it is **173.5950, 14.4967, 17.0182**.

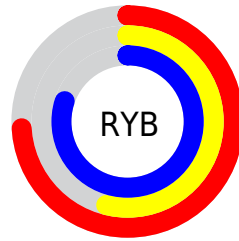
Distribution



Red (74%)

Green (54%)

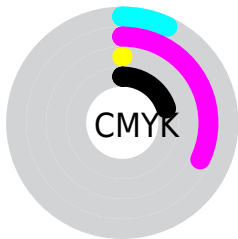
Blue (80%)



Red (74%)

Yellow (54%)

Blue (80%)

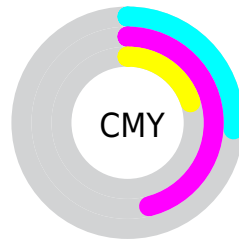


Cyan (7%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3600, 21.0215, 24.2403 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 160.3600, 21.0215, 24.2403 by changing the saturation by 10% instead.

160.3600, 21.0215,
24.2403

160.3600, 21.0215,
24.2403

255.0000, 0.0000,
0.0000

133.8330, 20.2953,
23.8255

215.0290, 19.7057,
26.2846

108.1210, 20.1533,
22.6959

234.4550, 10.1287,
18.0180

83.2950, 19.5746,
21.6663

251.4780, 1.7363,
3.0888

59.4690, 18.9958,
20.6367

35.7570, 18.8538,
19.5071

16.5780, 16.9700,
17.0331

3.3060, 12.6671,

-2.8994

■ 0.0000, 0.0000,
0.0000

■ 160.3600, 21.0215,
24.2403

■ 160.3600, 21.0215,
24.2403

■ 147.1250, 27.5464,
31.4624

■ 173.5950, 14.4967,
17.0182

■ 133.6020, 34.2132,
39.8140

■ 187.1180, 7.8298,
8.6665

■ 120.3670, 40.7381,
47.0361

■ 200.3530, 1.3050,
1.4444

■ 107.1320, 47.2629,
54.2582

■ 213.5880, -5.2199,
-5.7777

■ 93.6090, 53.9298,
62.6099

■ 227.1110,
-11.8867, -14.1293

80.3740, 60.4546,
69.8320

237.4110,
-16.9646, -18.7774

69.7860, 65.6745,
75.6097

238.9060,
-17.7017, -15.7036

240.1020,
-18.2913, -13.2445

241.5970,
-19.0283, -10.1706

Harmonies

Analogous

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



155.9190, 33.0709, -13.9610



160.3600, 21.0215, 24.2403



159.3990, 5.2263, 50.5161

Triad

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



160.3600, 21.0215, 24.2403



153.9630, -33.9988, 31.6044



123.0170, 27.1066, -107.8859

Complementary

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



160.3600, 21.0215, 24.2403



180.6400, -21.0215, -24.2403

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.



136.7500, 2.0953, -65.5558



160.3600, 21.0215, 24.2403



150.7700, -31.4386, 3.7097

Square

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



160.3600, 21.0215, 24.2403



156.4460, -26.3489, 51.3519



145.6010, -18.5373, -27.7141



124.2030, 41.8049, -108.9260

Rectangle

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



160.3600, 21.0215, 24.2403



158.1690, -5.9993, 57.7338



145.6010, -18.5373, -27.7141



121.6490, 21.8650, -106.6862

Sweetspot

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



160.3600, 21.0215, 24.2403



238.5310, 8.1192, 9.1813



154.2150, 24.0510, -14.2206



117.4120, 5.2199, 5.7777



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.



160.3600, 21.0215, 24.2403



191.4830, 31.3139, 36.4104



162.9070, 11.3848, 35.1616



95.5320, 3.1887, 3.9184



57.1960, 53.6404, 62.0951



13.0030, 12.3235, 14.0294

Inverse Universe

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



159.1450, -3.0295, 38.4608



189.5110, -4.6889, 57.4339



178.0930, -11.3848, -35.1616



95.2180, -0.6005, 5.9478



53.9660, -7.8712, 98.2538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 160.3600, 21.0215, 24.2403 looks on a white background.

Color Contrast Check

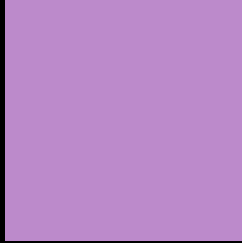
Large Text (above 18pt) WCAG AA × Fail

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 160.3600, 21.0215, 24.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

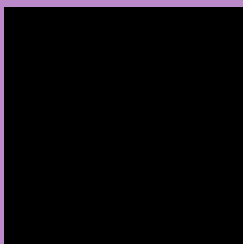
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.3600, 21.0215, 24.2403

Background



This preview shows how black text looks on a background with the YUV color 160.3600, 21.0215, 24.2403.



This preview shows how white text looks on a background with the YUV color 160.3600, 21.0215, 24.2403.

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

160.3600, 21.0215, 24.2403

Protanopia

156.1700, 29.0032, -15.9351

Deuteranopia

156.8630, 21.2665, -7.7729



Tritanopia

158.4200, -0.2071, 19.8027

Trichromacy



Original Color

160.3600, 21.0215, 24.2403

Protanomaly

157.5740, 26.3390, -1.3804

Deuteranomaly

158.5270, 20.9392, 3.9228

Tritanomaly

159.3800, 7.2077, 21.5917

Monochromacy



Original Color

160.3600, 21.0215, 24.2403

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1180, 7.8298, 8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3600, 21.0215, 24.2403 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(188, 138, 203)` looks like.

```
.text, #text, p{  
    color:rgb(188, 138, 203)  
}
```

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(188, 138, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 138, 203) }
```

Border

The CSS property to change the border of an element to YUV 160.3600, 21.0215, 24.2403 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(188, 138, 203) }
```


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

```
.border{ border-color:rgb(188, 138, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 138, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 138, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 138, 203);  
box-shadow:4px 4px 4px 4px rgb(188, 138,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 160.3600, 21.0215, 24.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 138, 203) }
```

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

```
.background{ background-color: rgb(188,  
138, 203) }
```

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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