

Converting Colors

YUV(160.0420, 13.2903,
30.6582)

Have a look what the booklet for
YUV(160.0420, 13.2903, 30.6582)
contains.

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Color

**YUV(160.0420, 13.2903,
30.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	C389BB
RGB	195, 137, 187
RGB Percent	76%, 54%, 73%
CMY	0.2353, 0.4627, 0.2667
CMYK	0.00, 0.30, 0.04, 0.24
HSL	308°, 33%, 65%
HSV	308°, 30%, 76%
XYZ	40.4210, 33.0813, 51.2686
YIQ	160.0420, 18.5180, 27.8460

Conversions

Conversions Part 2

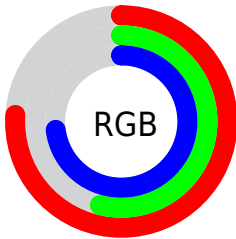
Format	Color
RYB	195, 137, 187
Decimal	12814779
CIELab	64.23, 30.20, -17.27
CIELCh	64, 34.790, 330.233
Yxy	33.0813, 0.3240, 0.2651
Android (android.graphics.Color)	4291004859 (0xFFC389BB)
YUV	160.0420, 13.2903, 30.6582
Hunter-Lab	57.5163, 24.7916, -12.5882

Details

The YUV color **160.0420, 13.2903, 30.6582** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.9580, -13.2903, -30.6582**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1670, 13.7217, 32.3025**, and **107.6180, 13.0063, 28.3990** is the 20% darker color. If you saturate the color by 10%, you get **147.9600, 17.7677, 41.2541**, and if you desaturate by 10%, it is **172.1240, 8.8129, 20.0623**.

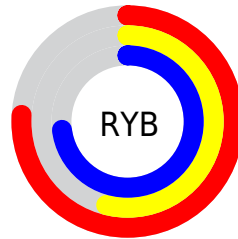
Distribution



Red (76%)

Green (54%)

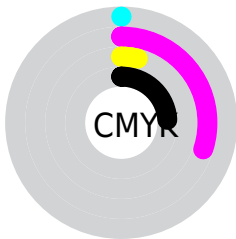
Blue (73%)



Red (76%)

Yellow (54%)

Blue (73%)

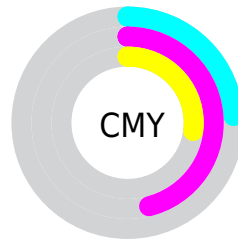


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0420, 13.2903, 30.6582 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 160.0420, 13.2903, 30.6582 by changing the saturation by 10% instead.

■ 160.0420, 13.2903,
30.6582

■ 160.0420, 13.2903,
30.6582

255.0000, 0.0000,
0.0000

■ 133.3300, 13.1483,
29.5286

■ 215.1670, 13.7217,
32.3025

■ 107.6180, 13.0063,
28.3990

■ 233.8680, 10.4181,
18.5328

■ 82.7920, 12.4275,
27.3694

■ 250.8910, 2.0257,
3.6036

■ 58.4930, 12.5750,
26.7546

■ 34.8950, 12.8698,
25.5251

■ 17.0040, 10.8440,
21.9215

■ 3.4330, 6.6885,

1.3743

■ 0.0000, 0.0000,
0.0000

■ 160.0420, 13.2903,
30.6582

■ 160.0420, 13.2903,
30.6582

■ 147.9600, 17.7677,
41.2541

■ 172.1240, 8.8129,
20.0623

■ 136.5790, 22.3926,
51.2352

■ 183.5050, 4.1880,
10.0811

■ 125.0840, 26.5806,
61.3163

■ 195.0000, 0.0000,
0.0000

■ 113.0020, 31.0580,
71.9122

■ 207.0820, -4.4774,
-10.5959

■ 101.0340, 35.9722,
82.4082

■ 218.4630, -9.1023,
-20.5771

■ 89.5390, 40.1603,
92.4893

■ 230.5450,
-13.5797, -31.1730

■ 77.4570, 44.6377,
103.0852

■ 231.4740,
-12.5587, -31.9877

■ 231.8160,
-11.2483, -32.2876

■ 232.0440,
-10.3747, -32.4876

Harmonies

Analogous

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



158.5420, 24.8758, 1.2787



160.0420, 13.2903, 30.6582



159.3680, -1.1674, 47.9123

Triad

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



160.0420, 13.2903, 30.6582



153.6240, -29.8876, 19.6238



129.9420, 27.6366, -91.1571

Complementary

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



160.0420, 13.2903, 30.6582



171.9580, -13.2903, -30.6582

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.



138.0690, 8.3470, -64.0815



160.0420, 13.2903, 30.6582



150.2510, -24.2807, -5.4821

Square

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



160.0420, 13.2903, 30.6582



155.7820, -26.0215, 39.6562



145.3320, -10.5167, -33.6172



138.8980, 34.5603, -71.8245

Rectangle

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



160.0420, 13.2903, 30.6582



157.8710, -10.7824, 51.8561



145.3320, -10.5167, -33.6172



131.7920, 21.7945, -84.0096

Sweetspot

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



160.0420, 13.2903, 30.6582



238.7440, 5.0562, 11.6255



146.0040, 24.1550, -0.8805



118.9670, 3.4673, 7.9219



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.



160.0420, 13.2903, 30.6582



197.8020, 20.8036, 47.5316



156.7360, 0.6232, 33.5575



91.0160, 2.4571, 5.2480



63.8710, 36.5456, 85.1821



13.1730, 7.8027, 17.3883

Inverse Universe

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



160.0420, 13.2903, 30.6582



197.8020, 20.8036, 47.5316



175.2640, -0.6232, -33.5575



91.0160, 2.4571, 5.2480



63.8710, 36.5456, 85.1821



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 160.0420, 13.2903, 30.6582 looks on a white background.

Color Contrast Check

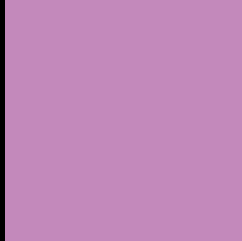
Large Text (above 18pt) WCAG AA × Fail

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 160.0420, 13.2903, 30.6582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

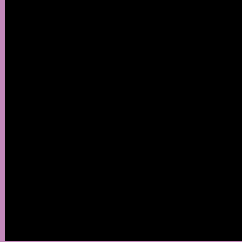
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.0420, 13.2903, 30.6582

Background



This preview shows how black text looks on a background with the YUV color 160.0420, 13.2903, 30.6582.



This preview shows how white text looks on a background with the YUV color 160.0420, 13.2903,

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

160.0420, 13.2903, 30.6582

Protanopia

156.4390, 20.9826, -10.0320

Deuteranopia

157.1430, 13.2405, -0.1254



Tritanopia

158.6060, -2.2708, 28.4095

Trichromacy



Original Color

160.0420, 13.2903, 30.6582

Protanomaly

157.8430, 18.3184, 4.5227

Deuteranomaly

158.5080, 13.0606, 10.9555

Tritanomaly

159.0990, 3.4022, 28.8542

Monochromacy



Original Color

160.0420, 13.2903, 30.6582

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.3310, 4.7668, 11.1107

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0420, 13.2903, 30.6582 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(195, 137, 187)` looks like.

```
.text, #text, p{  
    color:rgb(195, 137, 187)  
}
```

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(195, 137, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 137, 187) }
```

Border

The CSS property to change the border of an element to YUV 160.0420, 13.2903, 30.6582 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(195, 137, 187) }
```


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

```
.border{ border-color:rgb(195, 137, 187) }
```

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

Here you see how a box with a 4 pixel rgb(195, 137, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 137, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 137, 187);  
box-shadow:4px 4px 4px 4px rgb(195, 137,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 160.0420, 13.2903, 30.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 137, 187) }
```

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

```
.background{ background-color: rgb(195,  
137, 187) }
```

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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