

Converting Colors

YUV(160.1380, 7.8200, 58.6380)

Have a look what the booklet for
YUV(160.1380, 7.8200, 58.6380)
contains.

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Color

**YUV(160.1380, 7.8200,
58.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	E37BB0
RGB	227, 123, 176
RGB Percent	89%, 48%, 69%
CMY	0.1098, 0.5176, 0.3098
CMYK	0.00, 0.46, 0.22, 0.11
HSL	329°, 65%, 69%
HSV	329°, 46%, 89%
XYZ	46.5980, 33.6314, 45.1098
YIQ	160.1380, 44.9710, 38.5310

Conversions

Conversions Part 2

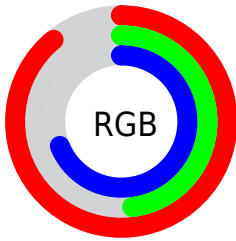
Format	Color
R_{YB}	227, 123, 176
Decimal	14908336
CIE _{Lab}	64.67, 46.55, -10.01
CIE _{LCh}	65, 47.611, 347.861
Yxy	33.6314, 0.3718, 0.2683
Android (android.graphics.Color)	4293098416 (0xFFE37BB0)
YUV	160.1380, 7.8200, 58.6380
Hunter-Lab	57.9926, 41.9406, -5.5242

Details

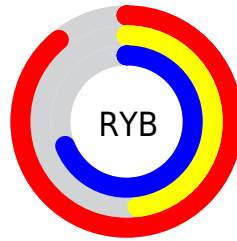
The YUV color **160.1380, 7.8200, 58.6380** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **189.8620, -7.8200, -58.6380**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1790, 12.2368, 41.9390**, and **105.6430, 8.5570, 55.5641** is the 20% darker color. If you saturate the color by 10%, you get **145.3830, 9.6712, 71.5781**, and if you desaturate by 10%, it is **174.8930, 5.9688, 45.6978**.

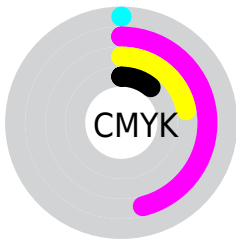
Distribution



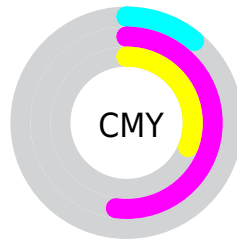
- Red (89%)
- Green (48%)
- Blue (69%)



- Red (89%)
- Yellow (48%)
- Blue (69%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (52%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.1380, 7.8200, 58.6380 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 160.1380, 7.8200, 58.6380 by changing the saturation by 10% instead.


 160.1380, 7.8200,
58.6380


 160.1380, 7.8200,
58.6380


255.0000, 0.0000,
0.0000

 132.5400, 8.1148,
57.4084


 207.1790, 12.2368,
41.9390

 105.6430, 8.5570,
55.5641


 226.2370, 14.1802,
25.2252

 78.6860, 10.0148,
54.6494

 243.2600, 5.7878,
10.2960

 49.0930, 12.7722,
56.9234

 31.9410, 9.8891,
48.2867

 21.7730, 4.5489,
34.4021

 11.4050, -4.1437,

22.4468

■ 0.0000, 0.0000,
0.0000

■ 160.1380, 7.8200,
58.6380

■ 160.1380, 7.8200,
58.6380

■ 145.3830, 9.6712,
71.5781

■ 174.8930, 5.9688,
45.6978

■ 131.2150, 11.2330,
84.0034

■ 189.0610, 4.4069,
33.2725

■ 116.4600, 13.0842,
96.9436

■ 203.8160, 2.5557,
20.3324

■ 101.5910, 14.4986,
109.9837

■ 218.6850, 1.1413,
7.2923

■ 87.4230, 16.0605,
122.4090

■ 232.8530, -0.4205,
-5.1331

■ 81.0970, 17.2072,
127.9569

■ 245.2600, -1.1142,
-16.0140

■ 246.5140, 3.6906,
-17.1138

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



161.6360, 25.8155, 26.6292



160.1380, 7.8200, 58.6380



157.6390, -12.1470, 69.5996

Triad

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



160.1380, 7.8200, 58.6380



150.2450, -38.5748, 5.9241



127.6910, 45.0153, -111.9850

Complementary

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



160.1380, 7.8200, 58.6380



189.8620, -7.8200, -58.6380

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.



125.2340, 27.9856, -109.8302



160.1380, 7.8200, 58.6380



144.4280, -22.8890, -31.9474

Square

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



160.1380, 7.8200, 58.6380



153.9870, -40.4196, 37.7224



127.4050, 5.2233, -88.9322



124.8020, 56.7926, -109.4514

Rectangle

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



160.1380, 7.8200, 58.6380



156.4030, -24.3557, 65.4216



127.4050, 5.2233, -88.9322



127.6110, 39.6318, -111.9148

Sweetspot

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



160.1380, 7.8200, 58.6380



231.8160, 2.5557, 20.3324



149.8060, 38.0566, 20.3411



113.8320, 1.5618, 12.4253



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.



160.1380, 7.8200, 58.6380



164.9540, 10.3757, 78.9703



154.3240, -14.4567, 63.7369



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Inverse Universe

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



160.1380, 7.8200, 58.6380



164.9540, 10.3757, 78.9703



195.6760, 14.4567, -63.7369



107.2720, 0.8519, 6.7775



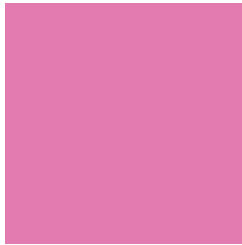
63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 160.1380, 7.8200, 58.6380 looks on a white background.

Color Contrast Check

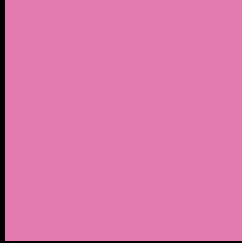
Large Text (above 18pt) WCAG AA × Fail

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 160.1380, 7.8200, 58.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

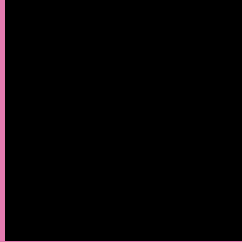
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.1380, 7.8200, 58.6380

Background



This preview shows how black text looks on a background with the YUV color 160.1380, 7.8200, 58.6380.



This preview shows how white text looks on a background with the YUV color 160.1380, 7.8200,

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

160.1380, 7.8200, 58.6380

Protanopia

158.0970, 19.6722, -9.7321

Deuteranopia

158.9390, 5.9461, 6.1925



Tritanopia

158.9470, -9.3409, 56.1745

Trichromacy



Original Color

160.1380, 7.8200, 58.6380



Protanomaly

158.8120, 15.3757, 15.0739



Deuteranomaly

159.2880, 6.7600, 25.1804



Tritanomaly

158.9670, -2.9417, 57.0339

Monochromacy



Original Color

160.1380, 7.8200, 58.6380



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.2290, 2.8451, 20.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.1380, 7.8200, 58.6380 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(227, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(227, 123, 176)  
}
```

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(227, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 123, 176) }
```

Border

The CSS property to change the border of an element to YUV 160.1380, 7.8200, 58.6380 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(227, 123, 176) }
```


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

```
.border{ border-color:rgb(227, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 123, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 123, 176);  
box-shadow:4px 4px 4px 4px rgb(227, 123,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 160.1380, 7.8200, 58.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 123, 176) }
```

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

```
.background{ background-color: rgb(227,  
123, 176) }
```

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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