

Converting Colors

YUV(160.7580, 34.1363,
17.7522)

Have a look what the booklet for
YUV(160.7580, 34.1363, 17.7522)
contains.

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Color

**YUV(160.7580, 34.1363,
17.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	B589E6
RGB	181, 137, 230
RGB Percent	71%, 54%, 90%
CMY	0.2902, 0.4627, 0.0980
CMYK	0.21, 0.40, 0.00, 0.10
HSL	268°, 65%, 72%
HSV	268°, 40%, 90%
XYZ	42.2846, 33.4282, 79.0866
YIQ	160.7580, -3.6290, 38.2510

Conversions

Conversions Part 2

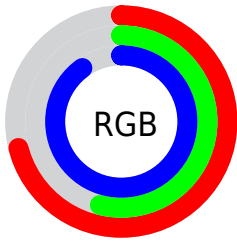
Format	Color
R_{YB}	181, 137, 230
Decimal	11897318
CIE _{Lab}	64.51, 34.69, -40.98
CIE _{LCh}	65, 53.687, 310.248
Yxy	33.4282, 0.2732, 0.2159
Android (android.graphics.Color)	4290087398 (0xFFB589E6)
YUV	160.7580, 34.1363, 17.7522
Hunter-Lab	57.8172, 29.3661, -40.6292

Details

The YUV color **160.7580, 34.1363, 17.7522** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **206.2420, -34.1363, -17.7522**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3490, 21.0269, 22.4959**, and **107.9920, 32.5419, 15.7930** is the 20% darker color. If you saturate the color by 10%, you get **143.6690, 42.5612, 22.2153**, and if you desaturate by 10%, it is **177.8470, 25.7114, 13.2892**.

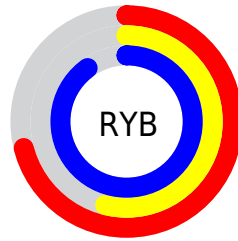
Distribution



Red (71%)

Green (54%)

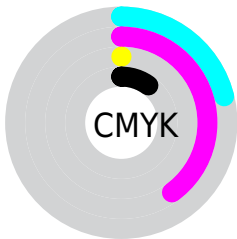
Blue (90%)



Red (71%)

Yellow (54%)

Blue (90%)

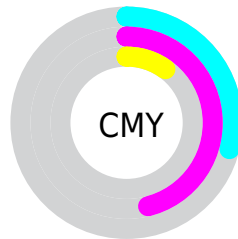


Cyan (21%)

Magenta (40%)

Yellow (0%)

Black (10%)



Cyan (29%)

Magenta (46%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7580, 34.1363, 17.7522 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 160.7580, 34.1363, 17.7522 by changing the saturation by 10% instead.

160.7580, 34.1363,
17.7522

160.7580, 34.1363,
17.7522

255.0000, 0.0000,
0.0000

133.9320, 33.5575,
16.7226

212.3490, 21.0269,
22.4959

107.9920, 32.5419,
15.7930

233.8680, 10.4181,
18.5328

83.0520, 31.5264,
14.8634

250.8910, 2.0257,
3.6036

58.8130, 30.6582,
13.3190

34.1010, 30.5162,
12.1894

14.6720, 27.7697,
6.4267

5.4720, 20.9663,

-4.7989

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 160.7580, 34.1363,
17.7522

■ 160.7580, 34.1363,
17.7522

■ 143.6690, 42.5612,
22.2153

■ 177.8470, 25.7114,
13.2892

■ 126.5800, 50.9861,
26.6783

■ 194.9360, 17.2866,
8.8261

■ 109.4910, 59.4109,
31.1414

■ 212.0250, 8.8617,
4.3631

■ 92.4020, 67.8358,
35.6044

■ 229.1140, 0.4368,
-0.1000

■ 75.0140, 76.4081,
39.4527

■ 246.5020, -8.1355,
-3.9483

■ 58.8110, 84.3962,
44.0158

■ 251.8510,
-10.7725, 1.8847

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



149.7870, 49.8980, -44.5402



160.7580, 34.1363, 17.7522



159.3860, 15.0927, 59.2975

Triad

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



160.7580, 34.1363, 17.7522



153.1410, -43.9465, 48.9883



125.2680, 23.0389, -109.8600

Complementary

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



160.7580, 34.1363, 17.7522



206.2420, -34.1363, -17.7522

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.



125.5700, -1.7600, -89.0769



160.7580, 34.1363, 17.7522



149.9490, -46.3169, 15.8307

Square

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



160.7580, 34.1363, 17.7522



154.7090, -28.4505, 72.1692



144.1810, -31.6412, -24.7147



129.2240, 43.2736, -113.3294

Rectangle

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



160.7580, 34.1363, 17.7522



157.2880, 0.3510, 74.2924



144.1810, -31.6412, -24.7147



123.3300, 15.6133, -108.1604

Sweetspot

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



160.7580, 34.1363, 17.7522



232.0190, 11.3296, 6.1223



176.9520, 26.1527, -35.0379



114.4440, 6.6831, 3.1186



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.



160.7580, 34.1363, 17.7522



161.8910, 45.9027, 23.7746



174.5120, 27.3556, 46.0320



106.1620, 4.3571, 2.4889



45.5220, 65.8047, 33.7452



12.9900, 18.7389, 9.6558

Inverse Universe

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



170.3930, 7.6943, 52.2753



174.8990, 10.4028, 70.2486



192.4880, -27.3556, -46.0320



107.2720, 0.8519, 6.7775



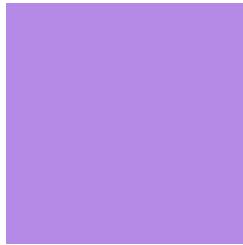
64.2370, 14.6732, 100.6472



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 160.7580, 34.1363, 17.7522 looks on a white background.

Color Contrast Check

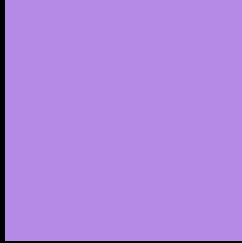
Large Text (above 18pt) WCAG AA × Fail

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 160.7580, 34.1363, 17.7522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

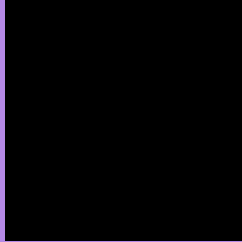
Any Text WCAG AA ✓ Pass

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 160.7580, 34.1363, 17.7522 Background



This preview shows how black text looks on a background with the YUV color 160.7580, 34.1363, 17.7522.



This preview shows how white text looks on a background with the YUV color 160.7580, 34.1363, 17.7522.

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

160.7580, 34.1363, 17.7522

Protanopia

154.9910, 43.8814, -28.0561

Deuteranopia

155.3200, 34.8452, -23.0826



Tritanopia

157.7500, 2.5882, 9.8663

Trichromacy



Original Color

160.7580, 34.1363, 17.7522



Protanomaly

157.1780, 40.3382, -11.5571



Deuteranomaly

157.0060, 34.5070, -7.8983



Tritanomaly

158.7470, 13.9287, 12.4999

Monochromacy



Original Color

160.7580, 34.1363, 17.7522



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.6600, 12.4926, 6.4372

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7580, 34.1363, 17.7522 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(181, 137, 230)` looks like.

```
.text, #text, p{  
    color:rgb(181, 137, 230)  
}
```

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(181, 137, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 137, 230) }
```

Border

The CSS property to change the border of an element to YUV 160.7580, 34.1363, 17.7522 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(181, 137, 230) }
```


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

```
.border{ border-color:rgb(181, 137, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 137, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 137, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 137, 230);  
box-shadow:4px 4px 4px 4px rgb(181, 137,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 160.7580, 34.1363, 17.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 137, 230) }
```

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

```
.background{ background-color: rgb(181,  
137, 230) }
```

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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