

Converting Colors

YUV(183.8210, 18.3292, 1.0340)

Have a look what the booklet for
YUV(183.8210, 18.3292, 1.0340)
contains.

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Color

**YUV(183.8210, 18.3292,
1.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B0DD
RGB	185, 176, 221
RGB Percent	73%, 69%, 87%
CMY	0.2745, 0.3098, 0.1333
CMYK	0.16, 0.20, 0.00, 0.13
HSL	252°, 40%, 78%
HSV	252°, 20%, 87%
XYZ	48.5841, 46.5854, 74.8378
YIQ	183.8210, -9.0810, 15.9030

Conversions

Conversions Part 2

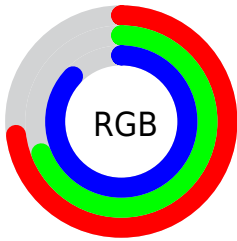
Format	Color
RYB	185, 176, 221
Decimal	12169437
CIELab	73.92, 12.18, -21.46
CIELCh	74, 24.676, 299.573
Yxy	46.5854, 0.2858, 0.2740
Android (android.graphics.Color)	4290359517 (0xFFB9B0DD)
YUV	183.8210, 18.3292, 1.0340
Hunter-Lab	68.2535, 7.6158, -17.2322

Details

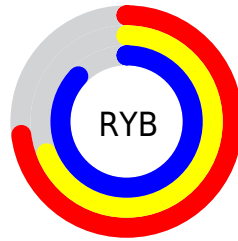
The YUV color $183.8210, 18.3292, 1.0340$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $213.1790, -18.3292, -1.0340$, and the grayscale version is $184.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3130, 8.7197, 3.2335$, and $130.8810, 17.3137, 0.1044$ is the 20% darker color. If you saturate the color by 10%, you get $165.5250, 27.3492, 1.2936$, and if you desaturate by 10%, it is $202.1170, 9.3093, 0.7744$.

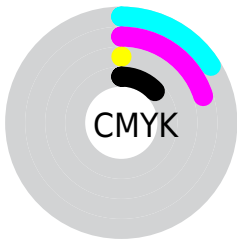
Distribution



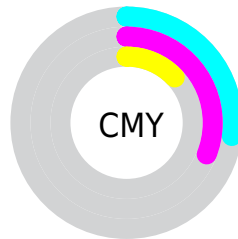
- Red (73%)
- Green (69%)
- Blue (87%)



- Red (73%)
- Yellow (69%)
- Blue (87%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.8210, 18.3292, 1.0340 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 183.8210, 18.3292, 1.0340 by changing the saturation by 10% instead.

■ 183.8210, 18.3292,
1.0340

■ 183.8210, 18.3292,
1.0340

255.0000, 0.0000,
0.0000

■ 156.7070, 17.8924,
1.1340

■ 237.3130, 8.7197,
3.2335

■ 130.8810, 17.3137,
0.1044

■ 105.6530, 16.4401,
0.3043

■ 81.2400, 16.1507,
-0.2105

■ 57.7130, 15.4245,
-0.6253

■ 36.1860, 14.6983,
-1.0401

■ 13.1970, 14.6929,

0.7042

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 183.8210, 18.3292,
1.0340

■ 183.8210, 18.3292,
1.0340

■ 165.5250, 27.3492,
1.2936

■ 202.1170, 9.3093,
0.7744

■ 147.5280, 36.2217,
2.1679

■ 220.1140, 0.4368,
-0.1000

■ 129.2320, 45.2416,
2.4275

■ 238.4100, -8.5831,
-0.3596

■ 110.9360, 54.2616,
2.6871

■ 251.1240,
-14.8511, 3.3993

■ 92.9390, 63.1341,
3.5615

■ 74.0560, 72.4434,
4.3359

■ 55.7600, 81.4633,
4.5955

■ 38.3500, 90.0465,
4.9550

Harmonies

Analogous

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



179.9320, 23.2045, -22.7424



183.8210, 18.3292, 1.0340



185.6620, 9.5336, 22.2214

Triad

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



183.8210, 18.3292, 1.0340



183.0350, -19.7373, 30.6643



172.7730, 4.0559, -41.0199

Complementary

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



183.8210, 18.3292, 1.0340



213.1790, -18.3292, -1.0340

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.



175.2670, -8.5126, -23.0362



183.8210, 18.3292, 1.0340



180.7790, -21.5830, 15.9798

Square

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



183.8210, 18.3292, 1.0340



184.4410, -12.0494, 38.2012



177.9830, -17.7396, -3.4931



171.7040, 15.4289, -48.8524

Rectangle

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



183.8210, 18.3292, 1.0340



185.5940, 2.6652, 31.9281



177.9830, -17.7396, -3.4931



173.3670, -0.1809, -35.4019

Sweetspot

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



183.8210, 18.3292, 1.0340



242.6070, 6.1097, 0.3447



202.2620, 9.2378, -23.0318



120.3250, 3.7838, -0.2850



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.



183.8210, 18.3292, 1.0340



204.5420, 24.8758, 1.2787



190.6980, 14.9389, 15.1739



100.8520, 4.5100, 0.1298



30.1870, 70.4068, 4.2210



7.9350, 18.7660, 0.9340

Inverse Universe

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



193.5590, 9.0914, 24.0658



217.8250, 12.4113, 32.6025



206.6010, -15.0863, -14.5591



103.2010, 1.8729, 5.9627



67.5730, 35.2135, 92.4595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 183.8210, 18.3292, 1.0340 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 183.8210, 18.3292, 1.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

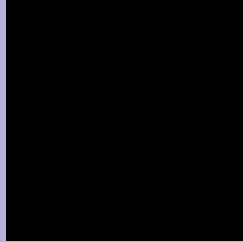
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.8210, 18.3292, 1.0340

Background



This preview shows how black text looks on a background with the YUV color 183.8210, 18.3292, 1.0340.



This preview shows how white text looks on a background with the YUV color 183.8210, 18.3292,

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

183.8210, 18.3292, 1.0340

Protanopia

182.6240, 20.3984, -9.3172

Deuteranopia

183.5000, 18.4875, -3.0695



Tritanopia

182.2970, 6.2626, -2.0145

Trichromacy



Original Color

183.8210, 18.3292, 1.0340

Protanomaly

183.4180, 19.5139, -5.6286

Deuteranomaly

183.5110, 18.4821, -1.3251

Tritanomaly

182.7470, 10.4777, -0.6551

Monochromacy



Original Color

183.8210, 18.3292, 1.0340

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.8210, 18.3292, 1.0340 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(185, 176, 221)` looks like.

```
.text, #text, p{  
    color:rgb(185, 176, 221)  
}
```

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(185, 176, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 176, 221) }
```

Border

The CSS property to change the border of an element to YUV 183.8210, 18.3292, 1.0340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

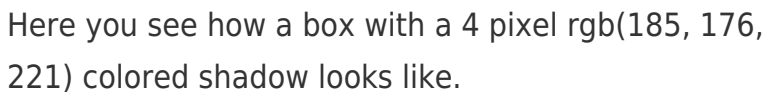
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 176, 221) }
```


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

```
.border{ border-color:rgb(185, 176, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 176, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 176, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 176, 221); box-shadow:4px 4px 4px 4px rgb(185, 176, 221) }
```

Background

The CSS property to change the background color of an element to YUV 183.8210, 18.3292, 1.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 176, 221) }
```

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

```
.background{ background-color: rgb(185,  
176, 221) }
```

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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