

Converting Colors

YUV(180.1200, 18.1818, 1.6488)

Have a look what the booklet for
YUV(180.1200, 18.1818, 1.6488)
contains.

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Color

**YUV(180.1200, 18.1818,
1.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	B6ACD9
RGB	182, 172, 217
RGB Percent	71%, 67%, 85%
CMY	0.2863, 0.3255, 0.1490
CMYK	0.16, 0.21, 0.00, 0.15
HSL	253°, 37%, 76%
HSV	253°, 21%, 85%
XYZ	46.5683, 44.4599, 71.7728
YIQ	180.1200, -8.4850, 16.1150

Conversions

Conversions Part 2

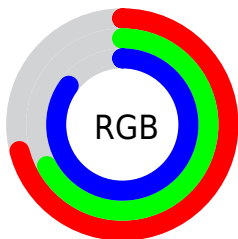
Format	Color
RYB	182, 172, 217
Decimal	11971801
CIELab	72.53, 12.56, -21.41
CIELCh	73, 24.824, 300.390
Yxy	44.4599, 0.2860, 0.2731
Android (android.graphics.Color)	4290161881 (0xFFB6ACD9)
YUV	180.1200, 18.1818, 1.6488
Hunter-Lab	66.6782, 7.9781, -17.1453

Details

The YUV color **180.1200, 18.1818, 1.6488** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **208.8800, -18.1818, -1.6488**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4810, 10.6089, 3.9632**, and **127.4790, 17.0189, 1.3339** is the 20% darker color. If you saturate the color by 10%, you get **162.1230, 27.0544, 2.5231**, and if you desaturate by 10%, it is **198.1170, 9.3093, 0.7744**.

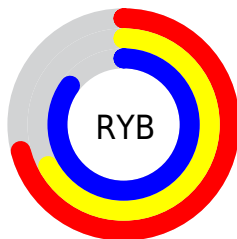
Distribution



Red (71%)

Green (67%)

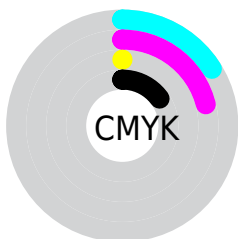
Blue (85%)



Red (71%)

Yellow (67%)

Blue (85%)

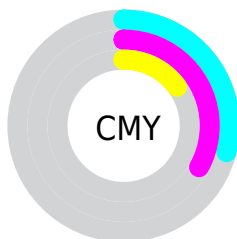


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1200, 18.1818, 1.6488 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 180.1200, 18.1818, 1.6488 by changing the saturation by 10% instead.

■ 180.1200, 18.1818,
1.6488

■ 180.1200, 18.1818,
1.6488

255.0000, 0.0000,
0.0000

■ 153.0060, 17.7450,
1.7487

■ 233.4810, 10.6089,
3.9632

■ 127.4790, 17.0189,
1.3339

■ 102.0660, 16.7295,
0.8191

■ 77.8380, 15.8559,
1.0191

■ 55.0120, 15.2771,
-0.0105

■ 33.0720, 14.2615,
-0.9401

■ 9.6210, 14.9768,

2.9634

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 180.1200, 18.1818,
1.6488

■ 180.1200, 18.1818,
1.6488

■ 162.1230, 27.0544,
2.5231

■ 198.1170, 9.3093,
0.7744

■ 144.7130, 35.6375,
2.8827

■ 215.5270, 0.7262,
0.4148

■ 126.7160, 44.5100,
3.7571

■ 233.5240, -8.1463,
-0.4595

■ 108.7190, 53.3825,
4.6314

■ 249.1730,
-15.8613, 0.7253

■ 91.6080, 61.8183,
5.6058

■ 250.6680,
-16.5983, 3.7992

■ 73.6110, 70.6908,
6.4802

■ 55.6140, 79.5633,
7.3545

■ 39.0900, 87.7096,
7.8141

Harmonies

Analogous

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



176.2310, 23.0571, -22.1276



180.1200, 18.1818, 1.6488



181.6620, 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.



180.1200, 18.1818, 1.6488



179.0350, -19.7373, 30.6643



168.7730, 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.



180.1200, 18.1818, 1.6488



208.8800, -18.1818, -1.6488

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.



171.0820, -7.9284, -23.7509



180.1200, 18.1818, 1.6488



176.4800, -21.4356, 15.3650

Square

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



180.1200, 18.1818, 1.6488



180.4410, -12.0494, 38.2012



173.9830, -17.7396, -3.4931



167.8180, 15.8657, -48.9524

Rectangle

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



180.1200, 18.1818, 1.6488



181.7790, 2.0810, 32.6428



173.9830, -17.7396, -3.4931



169.1820, 0.4033, -36.1166

Sweetspot

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



180.1200, 18.1818, 1.6488



242.6070, 6.1097, 0.3447



197.6750, 9.5272, -22.5170



120.6240, 3.6364, 0.3298



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.



180.1200, 18.1818, 1.6488



202.4820, 25.8914, 2.2083



186.6980, 14.9389, 15.1739



100.8520, 4.5100, 0.1298



31.3830, 69.8172, 6.6801



8.2340, 18.6186, 1.5488

Inverse Universe

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



189.4450, 8.6546, 24.1657



215.8360, 12.4059, 34.3468



202.3020, -14.9389, -15.1739



103.2010, 1.8729, 5.9627



67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 180.1200, 18.1818, 1.6488 looks on a white background.

Color Contrast Check

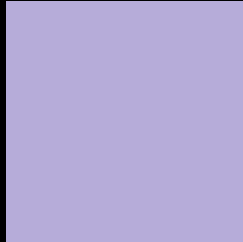
Large Text (above 18pt) WCAG AA × Fail

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 180.1200, 18.1818, 1.6488 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 180.1200, 18.1818, 1.6488 Background



This preview shows how black text looks on a background with the YUV color 180.1200, 18.1818, 1.6488.



This preview shows how white text looks on a background with the YUV color 180.1200, 18.1818,

1.6488.

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

180.1200, 18.1818, 1.6488

Protanopia

178.6240, 20.3984, -9.3172

Deuteranopia

179.5000, 18.4875, -3.0695



Tritanopia

178.5960, 6.1152, -1.3997

Trichromacy



Original Color

180.1200, 18.1818, 1.6488

Protanomaly

179.4180, 19.5139, -5.6286

Deuteranomaly

179.5110, 18.4821, -1.3251

Tritanomaly

179.0460, 10.3303, -0.0403

Monochromacy



Original Color

180.1200, 18.1818, 1.6488

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1200, 18.1818, 1.6488 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(182, 172, 217)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 217)  
}
```

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(182, 172, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 217) }
```

Border

The CSS property to change the border of an element to YUV 180.1200, 18.1818, 1.6488 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(182, 172, 217) }
```


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

```
.border{ border-color:rgb(182, 172, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 217);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 180.1200, 18.1818, 1.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 217) }
```

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

```
.background{ background-color: rgb(182,  
172, 217) }
```

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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