

Converting Colors

YUV(178.0400, 12.7983, 1.7189)

Have a look what the booklet for
YUV(178.0400, 12.7983, 1.7189)
contains.

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Color

**YUV(178.0400, 12.7983,
1.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ACCC
RGB	180, 172, 204
RGB Percent	71%, 67%, 80%
CMY	0.2941, 0.3255, 0.2000
CMYK	0.12, 0.16, 0.00, 0.20
HSL	255°, 24%, 74%
HSV	255°, 16%, 80%
XYZ	44.4740, 43.5680, 63.1922
YIQ	178.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

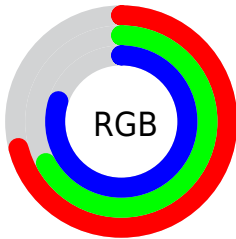
Format	Color
R_{YB}	180, 172, 204
Decimal	11840716
CIE _{Lab}	71.94, 9.13, -15.21
CIE _{LCh}	72, 17.736, 300.971
Yxy	43.5680, 0.2941, 0.2881
Android (android.graphics.Color)	4290030796 (0xFFB4ACCC)
YUV	178.0400, 12.7983, 1.7189
Hunter-Lab	66.0060, 4.7604, -10.5582

Details

The YUV color **178.0400, 12.7983, 1.7189** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **197.9600, -12.7983, -1.7189**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8830, 10.9037, 2.7336**, and **125.5130, 12.0721, 1.3041** is the 20% darker color. If you saturate the color by 10%, you get **161.8150, 20.7972, 2.7932**, and if you desaturate by 10%, it is **194.2650, 4.7994, 0.6446**.

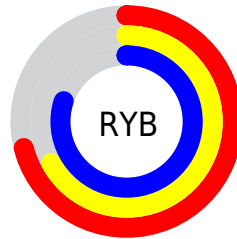
Distribution



Red (71%)

Green (67%)

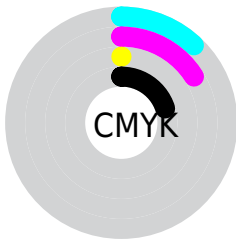
Blue (80%)



Red (71%)

Yellow (67%)

Blue (80%)

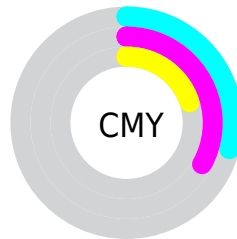


Cyan (12%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.0400, 12.7983, 1.7189 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 178.0400, 12.7983, 1.7189 by changing the saturation by 10% instead.

■ 178.0400, 12.7983,
1.7189

■ 178.0400, 12.7983,
1.7189

255.0000, 0.0000,
0.0000

■ 151.0400, 12.7983,
1.7189

■ 232.8830, 10.9037,
2.7336

■ 125.5130, 12.0721,
1.3041

■ 100.3990, 11.6353,
1.4041

■ 76.2850, 11.1985,
1.5041

■ 53.4590, 10.6197,
0.4745

■ 32.2310, 9.7461,
0.6744

■ 8.0080, 11.3351,

4.3780

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 178.0400, 12.7983,
1.7189

■ 178.0400, 12.7983,
1.7189

■ 161.8150, 20.7972,
2.7932

■ 194.2650, 4.7994,
0.6446

■ 144.7040, 29.2329,
3.7676

■ 211.3760, -3.6364,
-0.3298

■ 128.4790, 37.2319,
4.8419

■ 227.6010,
-11.6353, -1.4041

■ 111.6670, 45.5202,
6.4310

■ 244.4130,
-19.9236, -2.9932

■ 95.4420, 53.5191,
7.5054

■ 249.1860,
-22.2767, 5.0989

■ 78.9180, 61.6654,
7.9649

■ 62.1060, 69.9537,
9.5540

■ 45.8810, 77.9527,
10.6284

■ 38.5050, 81.5890,
10.9581

Harmonies

Analogous

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



175.7390, 15.9047, -14.6801



178.0400, 12.7983, 1.7189



179.1190, 6.3503, 16.5586

Triad

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



178.0400, 12.7983, 1.7189



177.4730, -14.0372, 22.3872



170.5080, 2.7076, -28.5095

Complementary

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



178.0400, 12.7983, 1.7189



197.9600, -12.7983, -1.7189

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.



171.6960, -5.7661, -17.2734



178.0400, 12.7983, 1.7189



175.6520, -15.6044, 11.7062

Square

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



178.0400, 12.7983, 1.7189



178.4720, -9.1067, 27.6501



173.6610, -12.6509, -2.3337



170.2500, 10.7227, -32.6683

Rectangle

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



178.0400, 12.7983, 1.7189



179.1970, 1.3819, 23.5062



173.6610, -12.6509, -2.3337



170.5470, 0.2233, -25.0357

Sweetspot

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



178.0400, 12.7983, 1.7189



244.3790, 5.2362, 0.5446



189.7360, 7.0322, -15.5545



121.5100, 3.1996, 0.4297



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.



178.0400, 12.7983, 1.7189



216.0600, 19.1974, 2.5784



182.8240, 10.4398, 11.5554



93.7380, 4.0732, 0.2298



31.1830, 66.4648, 8.6095



7.3220, 15.1243, 2.3486

Inverse Universe

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



184.3040, 5.7661, 17.2734



225.4560, 8.6492, 25.9101



193.1760, -10.4398, -11.5554



95.7880, 1.5835, 5.4479



63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 178.0400, 12.7983, 1.7189 looks on a white background.

Color Contrast Check

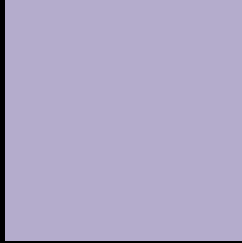
Large Text (above 18pt) WCAG AA × Fail

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 178.0400, 12.7983, 1.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

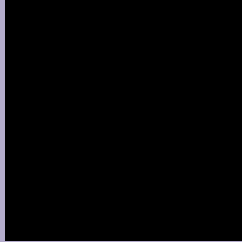
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.0400, 12.7983, 1.7189

Background



This preview shows how black text looks on a background with the YUV color 178.0400, 12.7983, 1.7189.



This preview shows how white text looks on a background with the YUV color 178.0400, 12.7983, 1.7189.

1.7189.

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

178.0400, 12.7983, 1.7189

Protanopia

177.0390, 14.2778, -6.1732

Deuteranopia

178.0400, 12.7983, 1.7189



Tritanopia

177.0800, 5.3836, -0.0702

Trichromacy



Original Color

178.0400, 12.7983, 1.7189

Protanomaly

177.5340, 13.5407, -3.0993

Deuteranomaly

178.0400, 12.7983, 1.7189

Tritanomaly

177.4760, 8.1463, 0.4595

Monochromacy



Original Color

178.0400, 12.7983, 1.7189

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.0400, 12.7983, 1.7189 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(180, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 204)  
}
```

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(180, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 204) }
```

Border

The CSS property to change the border of an element to YUV 178.0400, 12.7983, 1.7189 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(180, 172, 204) }
```


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

```
.border{ border-color:rgb(180, 172, 204) }
```

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

Here you see how a box with a 4 pixel rgb(180, 172, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 178.0400, 12.7983, 1.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 204) }
```

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

```
.background{ background-color: rgb(180,  
172, 204) }
```

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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