

Converting Colors

YUV(178.5760, 19.9290, 1.2488)

Have a look what the booklet for
YUV(178.5760, 19.9290, 1.2488)
contains.

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Color

**YUV(178.5760, 19.9290,
1.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AADB
RGB	180, 170, 219
RGB Percent	71%, 67%, 86%
CMY	0.2941, 0.3333, 0.1412
CMYK	0.18, 0.22, 0.00, 0.14
HSL	252°, 40%, 76%
HSV	252°, 22%, 86%
XYZ	45.9833, 43.5672, 73.0036
YIQ	178.5760, -9.7690, 17.3590

Conversions

Conversions Part 2

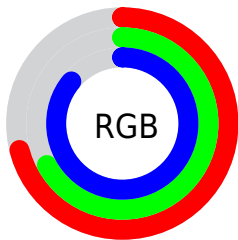
Format	Color
R_{YB}	180, 170, 219
Decimal	11840219
CIE _{Lab}	71.94, 13.47, -23.43
CIE _{LCh}	72, 27.027, 299.897
Yxy	43.5672, 0.2829, 0.2680
Android (android.graphics.Color)	4290030299 (0xFFB4AADB)
YUV	178.5760, 19.9290, 1.2488
Hunter-Lab	66.0055, 8.8440, -19.3723

Details

The YUV color **178.5760, 19.9290, 1.2488** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **210.4240, -19.9290, -1.2488**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7090, 11.4825, 3.7632**, and **125.9350, 18.7660, 0.9340** is the 20% darker color. If you saturate the color by 10%, you get **160.5790, 28.8016, 2.1232**, and if you desaturate by 10%, it is **196.5730, 11.0565, 0.3745**.

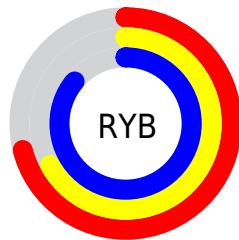
Distribution



Red (71%)

Green (67%)

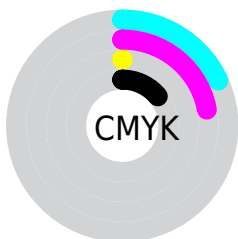
Blue (86%)



Red (71%)

Yellow (67%)

Blue (86%)

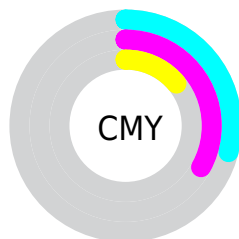


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (29%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5760, 19.9290, 1.2488 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 178.5760, 19.9290, 1.2488 by changing the saturation by 10% instead.

■ 178.5760, 19.9290,
1.2488

■ 178.5760, 19.9290,
1.2488

■ 255.0000, 0.0000,
0.0000

■ 152.0490, 19.2028,
0.8340

■ 231.7090, 11.4825,
3.7632

■ 125.9350, 18.7660,
0.9340

■ 254.4130, 0.2894,
0.5148

■ 100.4080, 18.0399,
0.5192

■ 76.5820, 17.4611,
-0.5104

■ 53.3540, 16.5875,
-0.3105

■ 31.5280, 16.0087,
-1.3401

■ 7.7780, 16.8714,

1.9487

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 178.5760, 19.9290,
1.2488

■ 178.5760, 19.9290,
1.2488

■ 160.5790, 28.8016,
2.1232

■ 196.5730, 11.0565,
0.3745

■ 142.2830, 37.8215,
2.3828

■ 214.8690, 2.0366,
0.1149

■ 124.2860, 46.6940,
3.2572

■ 232.8660, -6.8359,
-0.7595

■ 105.9900, 55.7139,
3.5168

■ 249.4010,
-14.9877, 0.5253

■ 88.5800, 64.2971,
3.8763

■ 250.8960,
-15.7247, 3.5992

■ 70.2840, 73.3170,
4.1359

■ 52.2870, 82.1895,
5.0103

■ 38.4210, 89.0254,
5.7698

Harmonies

Analogous

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



174.0780, 25.1045, -25.5014



178.5760, 19.9290, 1.2488



180.2000, 10.2544, 24.3806

Triad

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



178.5760, 19.9290, 1.2488



177.0030, -21.2005, 33.3234



165.5660, 4.6510, -45.2234

Complementary

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



178.5760, 19.9290, 1.2488



210.4240, -19.9290, -1.2488

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.



169.4300, -9.0860, -25.8101



178.5760, 19.9290, 1.2488



175.2090, -23.7670, 16.4797

Square

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



178.5760, 19.9290, 1.2488



178.9360, -12.7864, 41.2751



172.2280, -19.3394, -3.7080



164.2410, 17.6292, -54.5854

Rectangle

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



178.5760, 19.9290, 1.2488



180.3170, 2.8017, 34.8020



172.2280, -19.3394, -3.7080



167.0460, -0.0227, -39.5053

Sweetspot

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



178.5760, 19.9290, 1.2488



240.2480, 7.2727, 0.6595



198.4790, 10.1169, -24.9761



118.8520, 4.5100, 0.1298



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.



178.5760, 19.9290, 1.2488



198.0520, 28.0754, 1.7084



185.7520, 16.3913, 16.0035



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.



189.0970, 9.8122, 26.2249



212.9010, 13.8528, 36.9208



203.2480, -16.3913, -16.0035



103.2010, 1.8729, 5.9627



67.4590, 34.7767, 92.5595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 178.5760, 19.9290, 1.2488 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 178.5760, 19.9290, 1.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

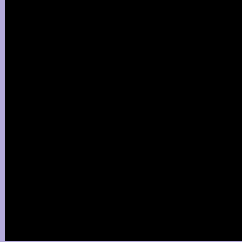
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.5760, 19.9290, 1.2488

Background



This preview shows how black text looks on a background with the YUV color 178.5760, 19.9290, 1.2488.



This preview shows how white text looks on a background with the YUV color 178.5760, 19.9290,

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

178.5760, 19.9290, 1.2488

Protanopia

176.7810, 22.2930, -10.3319

Deuteranopia

177.8310, 19.8033, -5.1138



Tritanopia

176.5960, 6.1152, -1.3997

Trichromacy



Original Color

178.5760, 19.9290, 1.2488

Protanomaly

177.5750, 21.4085, -6.6433

Deuteranomaly

178.1410, 19.6505, -2.7547

Tritanomaly

177.2740, 11.2039, -0.2403

Monochromacy



Original Color

178.5760, 19.9290, 1.2488

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5760, 19.9290, 1.2488 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, 170, 219)` looks like.

```
.text, #text, p{  
    color:rgb(180, 170, 219)  
}
```

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, 170, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 170, 219) }
```

Border

The CSS property to change the border of an element to YUV 178.5760, 19.9290, 1.2488 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, 170, 219) }
```


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

```
.border{ border-color:rgb(180, 170, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 170, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 170, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 170, 219);  
box-shadow:4px 4px 4px 4px rgb(180, 170,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 178.5760, 19.9290, 1.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 170, 219) }
```

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

```
.background{ background-color: rgb(180,  
170, 219) }
```

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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