

Converting Colors

YUV(170.1580, 3.8661, 20.0324)

Have a look what the booklet for
YUV(170.1580, 3.8661, 20.0324)
contains.

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Color

**YUV(170.1580, 3.8661,
20.0324)**

Conversions

Conversions Part 1

Format	Color
Hex	C19DB2
RGB	193, 157, 178
RGB Percent	76%, 62%, 70%
CMY	0.2431, 0.3843, 0.3020
CMYK	0.00, 0.19, 0.08, 0.24
HSL	325°, 22%, 69%
HSV	325°, 19%, 76%
XYZ	42.0852, 38.6658, 47.3646
YIQ	170.1580, 14.7150, 14.1630

Conversions

Conversions Part 2

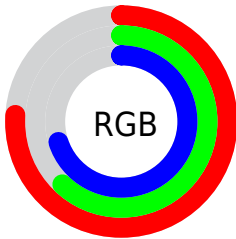
Format	Color
R_{YB}	193, 157, 178
Decimal	12688818
CIE Lab	68.51, 16.83, -5.84
CIE LCh	69, 17.818, 340.880
Yxy	38.6658, 0.3285, 0.3018
Android (android.graphics.Color)	4290878898 (0xFFC19DB2)
YUV	170.1580, 3.8661, 20.0324
Hunter-Lab	62.1818, 11.9922, -1.6346

Details

The YUV color **170.1580, 3.8661, 20.0324** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.8420, -3.8661, -20.0324**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8700, 4.0081, 21.1620**, and **118.0330, 3.4347, 18.3881** is the 20% darker color. If you saturate the color by 10%, you get **158.0930, 5.8702, 30.6134**, and if you desaturate by 10%, it is **182.2230, 1.8621, 9.4514**.

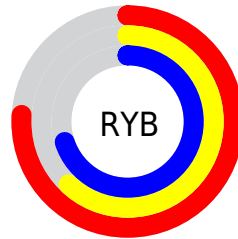
Distribution



Red (76%)

Green (62%)

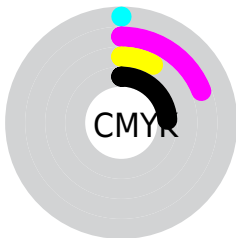
Blue (70%)



Red (76%)

Yellow (62%)

Blue (70%)

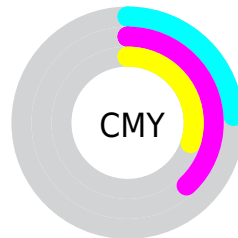


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.1580, 3.8661, 20.0324 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 170.1580, 3.8661, 20.0324 by changing the saturation by 10% instead.


 170.1580, 3.8661,
20.0324


 170.1580, 3.8661,
20.0324

255.0000, 0.0000,
0.0000

 143.7450, 3.5767,
19.5176

 225.8700, 4.0081,
21.1620

 118.0330, 3.4347,
18.3881

 246.1950, 4.3409,
7.7220

 92.7340, 3.5821,
17.7733

 69.4350, 3.7295,
17.1585

 46.7230, 3.5876,
16.0289

 25.1250, 3.8824,
14.7994

 6.8920, 0.5462,

11.4957

■ 0.0000, 0.0000,
0.0000

■ 170.1580, 3.8661,
20.0324

■ 170.1580, 3.8661,
20.0324

■ 158.0930, 5.8702,
30.6134

■ 182.2230, 1.8621,
9.4514

■ 145.4410, 8.1636,
41.7092

■ 194.8750, -0.4314,
-1.6444

■ 133.3760, 10.1676,
52.2902

■ 206.9400, -2.4354,
-12.2254

■ 121.3110, 12.1717,
62.8713

■ 219.0050, -4.4395,
-22.8064

■ 109.2460, 14.1757,
73.4523

■ 231.6570, -6.7329,
-33.9022

■ 96.5940, 16.4692,
84.5481

■ 233.1560, -3.5279,
-35.2168

■ 84.5290, 18.4732,
95.1291

■ 234.0680, -0.0335,
-36.0166

■ 72.4640, 20.4772,
105.7101

■ 234.9800, 3.4609,
-36.8165

■ 70.5890, 20.9086,
107.3544

■ 235.8920, 6.9552,
-37.6163

Harmonies

Analogous

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



169.2040, 10.7454, 6.8371



170.1580, 3.8661, 20.0324



170.1390, -4.0125, 27.0651

Triad

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



170.1580, 3.8661, 20.0324



166.0320, -15.2988, 6.9879



161.5320, 13.0487, -32.0386

Complementary

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



170.1580, 3.8661, 20.0324



179.8420, -3.8661, -20.0324

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.



160.7080, 6.0600, -30.4389



170.1580, 3.8661, 20.0324



164.0840, -10.8874, -7.9667

Square

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



170.1580, 3.8661, 20.0324



167.8100, -15.1893, 18.5836



162.3580, -3.1345, -21.3620



164.3850, 16.0792, -24.0166

Rectangle

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



170.1580, 3.8661, 20.0324



169.1730, -8.9593, 27.0353



162.3580, -3.1345, -21.3620



161.2500, 10.7227, -32.6683

Sweetspot

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



170.1580, 3.8661, 20.0324



240.5110, 1.7201, 8.3219



165.5890, 13.5136, 5.6224



119.2610, 0.8573, 5.0331



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.1580, 3.8661, 20.0324



215.0930, 5.8702, 30.6134



168.1060, -3.9963, 21.8320



90.6740, 1.1467, 5.5479



58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Inverse Universe

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



170.1580, 3.8661, 20.0324



215.0930, 5.8702, 30.6134



181.8940, 3.9963, -21.8320



90.6740, 1.1467, 5.5479



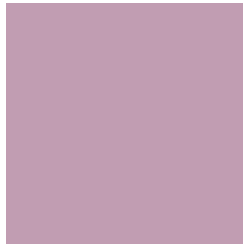
58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 170.1580, 3.8661, 20.0324 looks on a white background.

Color Contrast Check

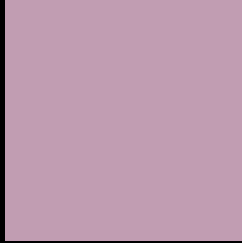
Large Text (above 18pt) WCAG AA × Fail

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 170.1580, 3.8661, 20.0324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

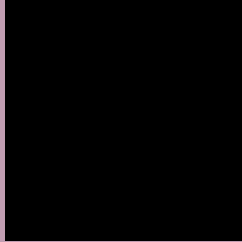
Any Text WCAG AA ✓ Pass

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 170.1580, 3.8661, 20.0324 Background



This preview shows how black text looks on a background with the YUV color 170.1580, 3.8661, 20.0324.



This preview shows how white text looks on a background with the YUV color 170.1580, 3.8661,

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

170.1580, 3.8661, 20.0324

Protanopia

167.7530, 8.0098, -2.4144

Deuteranopia

168.7930, 4.0461, 8.9515



Tritanopia

169.6480, 0.6665, 19.6027

Trichromacy



Original Color

170.1580, 3.8661, 20.0324

Protanomaly

168.7540, 6.5303, 5.4777

Deuteranomaly

169.1140, 3.8878, 13.0550

Tritanomaly

169.9900, 1.9769, 19.3028

Monochromacy



Original Color

170.1580, 3.8661, 20.0324

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1580, 3.8661, 20.0324 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(193, 157, 178)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 178)  
}
```

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(193, 157, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 178) }
```

Border

The CSS property to change the border of an element to YUV 170.1580, 3.8661, 20.0324 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(193, 157, 178) }
```


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

```
.border{ border-color:rgb(193, 157, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 178);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 170.1580, 3.8661, 20.0324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 178) }
```

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

```
.background{ background-color: rgb(193,  
157, 178) }
```

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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