

Converting Colors

YUV(188.8000, 20.3116,
18.5924)

Have a look what the booklet for
YUV(188.8000, 20.3116, 18.5924)
contains.

YUV(188.8000, 20.3116, 18.5924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.8000, 20.3116,
18.5924)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AAE6
RGB	210, 170, 230
RGB Percent	82%, 67%, 90%
CMY	0.1765, 0.3333, 0.0980
CMYK	0.09, 0.26, 0.00, 0.10
HSL	280°, 55%, 78%
HSV	280°, 26%, 90%
XYZ	55.2360, 48.1643, 81.2483
YIQ	188.8000, 4.5800, 27.1400

Conversions

Conversions Part 2

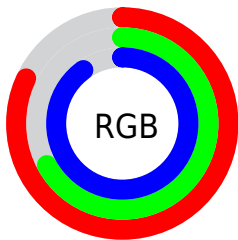
Format	Color
R _Y B	210, 170, 230
Decimal	13806310
CIE Lab	74.93, 25.32, -24.63
CIE LCh	75, 35.323, 315.788
Yxy	48.1643, 0.2991, 0.2608
Android (android.graphics.Color)	4291996390 (0xFFD2AAE6)
YUV	188.8000, 20.3116, 18.5924
Hunter-Lab	69.4005, 20.6177, -20.8315

Details

The YUV color **188.8000, 20.3116, 18.5924** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **211.2000, -20.3116, -18.5924**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **134.8600, 19.2960, 17.6628** is the 20% darker color. If you saturate the color by 10%, you get **172.9070, 28.1468, 25.5146**, and if you desaturate by 10%, it is **204.6930, 12.4764, 11.6702**.

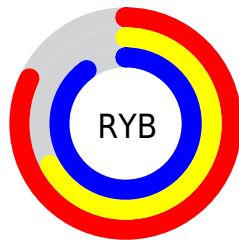
Distribution



Red (82%)

Green (67%)

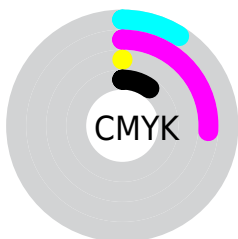
Blue (90%)



Red (82%)

Yellow (67%)

Blue (90%)

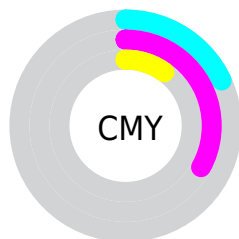


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (18%)

Magenta (33%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.8000, 20.3116, 18.5924 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 188.8000, 20.3116, 18.5924 by changing the saturation by 10% instead.

■ 188.8000, 20.3116,
18.5924

■ 188.8000, 20.3116,
18.5924

■ 255.0000, 0.0000,
0.0000

■ 161.3870, 20.0222,
18.0776

■ 237.9770, 8.3923,
14.9292

■ 134.8600, 19.2960,
17.6628

■ 254.4130, 0.2894,
0.5148

■ 109.7350, 18.8646,
16.0184

■ 84.6210, 18.4278,
16.1184

■ 61.3820, 17.5597,
14.5740

■ 37.9690, 17.2703,
14.0592

■ 15.2680, 17.1229,

14.6740

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 188.8000, 20.3116,
18.5924

■ 188.8000, 20.3116,
18.5924

■ 172.9070, 28.1468,
25.5146

■ 204.6930, 12.4764,
11.6702

■ 157.3130, 35.8347,
33.0515

■ 220.2870, 4.7885,
4.1333

■ 141.4200, 43.6699,
39.9737

■ 236.1800, -3.0467,
-2.7889

■ 125.5270, 51.5052,
46.8958

■ 247.9640, -8.8563,
-6.1074

■ 109.9330, 59.1930,
54.4328

■ 250.0570, -9.8881,
-1.8040

■ 94.0400, 67.0283,
61.3549

■ 252.1500,
-10.9200, 2.4994

■ 78.1470, 74.8635,
68.2771

■ 71.9670, 77.9103,
71.0659

Harmonies

Analogous

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



184.6260, 30.7504, -16.3350



188.8000, 20.3116, 18.5924



188.8820, 5.9742, 43.9535

Triad

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



188.8000, 20.3116, 18.5924



183.5870, -30.3624, 31.9342



164.8100, 17.8417, -76.1324

Complementary

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



188.8000, 20.3116, 18.5924



211.2000, -20.3116, -18.5924

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.



171.1110, -2.0267, -50.0863



188.8000, 20.3116, 18.5924



180.6610, -29.4129, 7.3133

Square

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



188.8000, 20.3116, 18.5924



185.6460, -22.9965, 49.4225



176.5310, -18.9958, -20.6367



165.4580, 31.8192, -79.3317

Rectangle

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



188.8000, 20.3116, 18.5924



188.4780, -4.6727, 52.2008



176.5310, -18.9958, -20.6367



166.8450, 11.4154, -68.2701

Sweetspot

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



188.8000, 20.3116, 18.5924



241.1670, 6.8197, 5.9925



188.5800, 20.4201, -16.2947



118.8740, 4.4991, 3.6185



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.



188.8000, 20.3116, 18.5924



200.8530, 26.6945, 24.6849



193.7540, 13.4323, 31.7877



106.7600, 4.0623, 3.7185



55.9870, 60.6454, 55.2624



15.9800, 17.2649, 15.8035

Inverse Universe

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



190.2200, -0.1085, 34.8871



202.5850, -0.2884, 45.9680



206.2460, -13.4323, -31.7877



107.0440, -0.0217, 6.9774



60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 188.8000, 20.3116, 18.5924 looks on a white background.

Color Contrast Check

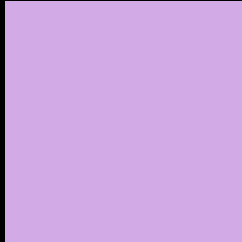
Large Text (above 18pt) WCAG AA × Fail

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 188.8000, 20.3116, 18.5924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

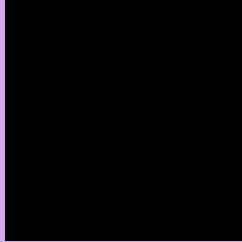
Any Text WCAG AA ✓ Pass

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 188.8000, 20.3116, 18.5924 Background



This preview shows how black text looks on a background with the YUV color 188.8000, 20.3116, 18.5924.



This preview shows how white text looks on a background with the YUV color 188.8000, 20.3116,

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

188.8000, 20.3116, 18.5924

Protanopia

185.4970, 26.3770, -13.5909

Deuteranopia

186.3580, 20.5295, -4.6990



Tritanopia

186.6690, 2.1352, 15.1993

Trichromacy



Original Color

188.8000, 20.3116, 18.5924

Protanomaly

186.7050, 24.3024, -1.4953

Deuteranomaly

187.4130, 20.5024, 4.0228

Tritanomaly

187.1020, 8.8237, 16.5735

Monochromacy



Original Color

188.8000, 20.3116, 18.5924

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9930, 7.3985, 7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8000, 20.3116, 18.5924 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(210, 170, 230)` looks like.

```
.text, #text, p{  
    color:rgb(210, 170, 230)  
}
```

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(210, 170, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 170, 230) }
```

Border

The CSS property to change the border of an element to YUV 188.8000, 20.3116, 18.5924 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(210, 170, 230) }
```


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

```
.border{ border-color:rgb(210, 170, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 170, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 170, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 170, 230);  
box-shadow:4px 4px 4px 4px rgb(210, 170,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 188.8000, 20.3116, 18.5924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 170, 230) }
```

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

```
.background{ background-color: rgb(210,  
170, 230) }
```

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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