

Converting Colors

YUV(190.8310, 23.2543, 8.0412)

Have a look what the booklet for
YUV(190.8310, 23.2543, 8.0412)
contains.

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Color

**YUV(190.8310, 23.2543,
8.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B1EE
RGB	200, 177, 238
RGB Percent	78%, 69%, 93%
CMY	0.2157, 0.3059, 0.0667
CMYK	0.16, 0.26, 0.00, 0.07
HSL	263°, 64%, 81%
HSV	263°, 26%, 93%
XYZ	54.9742, 49.8967, 87.6225
YIQ	190.8310, -5.8730, 23.8470

Conversions

Conversions Part 2

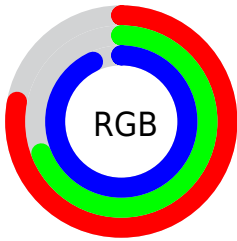
Format	Color
R _Y B	200, 177, 238
Decimal	13152750
CIE Lab	76.01, 20.01, -27.40
CIE LCh	76, 33.930, 306.148
Yxy	49.8967, 0.2856, 0.2592
Android (android.graphics.Color)	4291342830 (0xFFC8B1EE)
YUV	190.8310, 23.2543, 8.0412
Hunter-Lab	70.6376, 15.3030, -24.1000

Details

The YUV color **190.8310, 23.2543, 8.0412** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **224.1690, -23.2543, -8.0412**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **136.8910, 22.2387, 7.1116** is the 20% darker color. If you saturate the color by 10%, you get **172.2580, 32.4108, 11.1747**, and if you desaturate by 10%, it is **209.4040, 14.0978, 4.9077**.

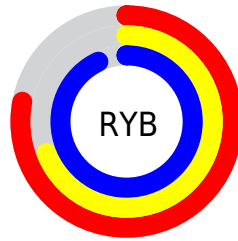
Distribution



Red (78%)

Green (69%)

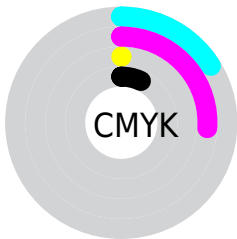
Blue (93%)



Red (78%)

Yellow (69%)

Blue (93%)

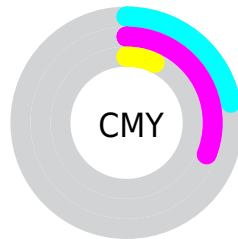


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (22%)


Magenta (31%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.8310, 23.2543, 8.0412 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 190.8310, 23.2543, 8.0412 by changing the saturation by 10% instead.


 190.8310, 23.2543,
8.0412


 190.8310, 23.2543,
8.0412


255.0000, 0.0000,
0.0000


 163.4180, 22.9649,
7.5264


 242.0860, 6.3666,
11.3256

 136.8910, 22.2387,
7.1116

 111.3640, 21.5125,
6.6968

 86.8370, 20.7864,
6.2820

 62.8970, 19.7708,
5.3523

 40.6580, 18.9026,
3.8079

 18.2450, 18.6132,

3.2931

■ 3.8760, 14.8511,
-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 190.8310, 23.2543,
8.0412

■ 190.8310, 23.2543,
8.0412

■ 172.2580, 32.4108,
11.1747

■ 209.4040, 14.0978,
4.9077

■ 153.6850, 41.5673,
14.3083

■ 227.9770, 4.9413,
1.7742

■ 135.9980, 50.2870,
17.5418

■ 245.6640, -3.7784,
-1.4593

■ 117.4250, 59.4435,
20.6753

■ 253.0620, -7.4256,
1.6996

■ 98.8520, 68.6000,
23.8088

■ 80.2790, 77.7565,
26.9423

■ 61.7060, 86.9129,
30.0758

■ 54.0420, 90.6913,
31.5352

Harmonies

Analogous

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



185.0870, 31.5091, -26.3863



190.8310, 23.2543, 8.0412



191.9780, 10.3638, 35.9763

Triad

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



190.8310, 23.2543, 8.0412



187.6030, -27.9053, 37.1822



171.3400, 10.6784, -65.1962

Complementary

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



190.8310, 23.2543, 8.0412



224.1690, -23.2543, -8.0412

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.



176.3960, -7.5902, -38.9353



190.8310, 23.2543, 8.0412



185.3030, -29.7294, 15.5203

Square

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



190.8310, 23.2543, 8.0412



189.7970, -18.6339, 50.1670



181.6740, -22.5173, -11.1151



169.4000, 26.4248, -75.7728

Rectangle

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



190.8310, 23.2543, 8.0412



191.5250, 0.7272, 46.8976



181.6740, -22.5173, -11.1151



172.7880, 4.5415, -56.8191

Sweetspot

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



190.8310, 23.2543, 8.0412



239.3730, 7.7041, 2.3039



206.8470, 15.3584, -26.1758



117.9770, 4.9413, 1.7742



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.



190.8310, 23.2543, 8.0412



193.9760, 30.0848, 10.5450



199.8010, 18.8321, 26.4845



110.5640, 4.6519, 1.2594



41.6070, 70.1997, 24.0237



12.6630, 21.3651, 7.3115

Inverse Universe

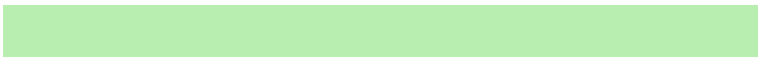
The Inverse Universe completely reimagines the original color for something new.



199.5710, 7.6065, 33.7022



205.2070, 9.7579, 43.6685



215.1990, -18.8321, -26.4845



112.3860, 1.2887, 6.6775



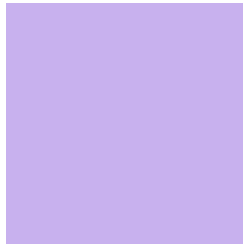
68.0120, 22.6721, 101.7215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 190.8310, 23.2543, 8.0412 looks on a white background.

Color Contrast Check

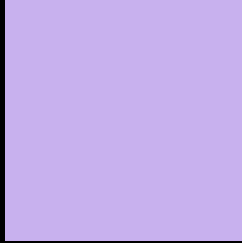
Large Text (above 18pt) WCAG AA × Fail

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 190.8310, 23.2543, 8.0412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

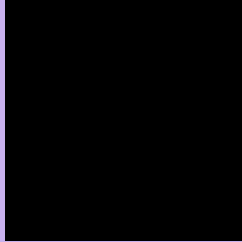
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.8310, 23.2543, 8.0412

Background



This preview shows how black text looks on a background with the YUV color 190.8310, 23.2543, 8.0412.



This preview shows how white text looks on a background with the YUV color 190.8310, 23.2543, 8.0412.

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

190.8310, 23.2543, 8.0412

Protanopia

187.8390, 27.6874, -13.8908

Deuteranopia

188.8460, 23.7399, -7.7579



Tritanopia

188.4010, 5.2253, 4.0333

Trichromacy



Original Color

190.8310, 23.2543, 8.0412

Protanomaly

188.8400, 26.2079, -5.9987

Deuteranomaly

189.1780, 23.5762, -1.9101

Tritanomaly

189.1330, 11.7664, 6.0224

Monochromacy



Original Color

190.8310, 23.2543, 8.0412

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9000, 8.4303, 2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8310, 23.2543, 8.0412 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(200, 177, 238)` looks like.

```
.text, #text, p{  
    color:rgb(200, 177, 238)  
}
```

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(200, 177, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 177, 238) }
```

Border

The CSS property to change the border of an element to YUV 190.8310, 23.2543, 8.0412 is called "border". The border property can be set on classes, ids or directly on the HTML element.

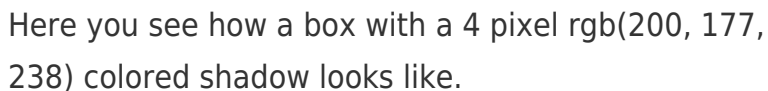
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 177, 238) }
```


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

```
.border{ border-color:rgb(200, 177, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 177, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 177, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 177, 238);  
box-shadow:4px 4px 4px 4px rgb(200, 177,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 190.8310, 23.2543, 8.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 177, 238) }
```

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

```
.background{ background-color: rgb(200,  
177, 238) }
```

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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