

Converting Colors

YUV(188.6790, 23.8223,
12.5595)

Have a look what the booklet for
YUV(188.6790, 23.8223, 12.5595)
contains.

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Color

**YUV(188.6790, 23.8223,
12.5595)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CBACED |
| RGB | 203, 172, 237 |
| RGB Percent | 80%, 67%, 93% |
| CMY | 0.2039, 0.3255, 0.0706 |
| CMYK | 0.14, 0.27, 0.00, 0.07 |
| HSL | 269°, 64%, 80% |
| HSV | 269°, 27%, 93% |
| XYZ | 54.6672, 48.3160, 86.5654 |
| YIQ | 188.6790, -2.3890, 26.7870 |

Conversions

Conversions Part 2

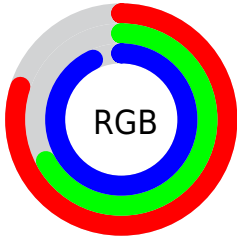
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 203, 172, 237 |
| Decimal | 13348077 |
| CIE _{Lab} | 75.02, 23.47, -28.34 |
| CIE _{LCh} | 75, 36.798, 309.630 |
| Y _{xy} | 48.3160, 0.2884, 0.2549 |
| Android (android.graphics.Color) | 4291538157 (0xFFCBACED) |
| YUV | 188.6790, 23.8223, 12.5595 |
| Hunter-Lab | 69.5097, 18.7427, -25.1813 |

Details

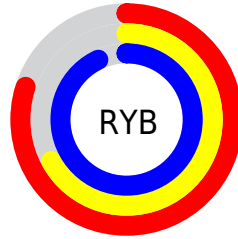
The YUV color **188.6790, 23.8223, 12.5595** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **220.3210, -23.8223, -12.5595**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.8136, 13.8996**, and **134.7390, 22.8067, 11.6299** is the 20% darker color. If you saturate the color by 10%, you get **171.0030, 32.5365, 17.5374**, and if you desaturate by 10%, it is **206.3550, 15.1080, 7.5817**.

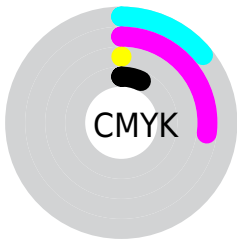
Distribution



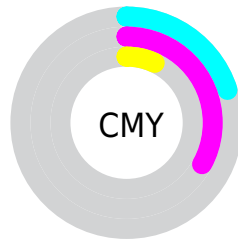
- Red (80%)
- Green (67%)
- Blue (93%)



- Red (80%)
- Yellow (67%)
- Blue (93%)



- Cyan (14%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)




- Cyan (20%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.6790, 23.8223, 12.5595 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 188.6790, 23.8223, 12.5595 by changing the saturation by 10% instead.

 188.6790, 23.8223,
12.5595


 188.6790, 23.8223,
12.5595


255.0000, 0.0000,
0.0000


 161.2660, 23.5329,
12.0447


 239.1510, 7.8136,
13.8996

 134.7390, 22.8067,
11.6299

 109.7990, 21.7911,
10.7003

 84.9730, 21.2123,
9.6707

 61.4460, 20.4861,
9.2559

 38.5060, 19.4705,
8.3262

 15.5060, 19.4705,

8.3262

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 188.6790, 23.8223,
12.5595

■ 188.6790, 23.8223,
12.5595

■ 171.0030, 32.5365,
17.5374

■ 206.3550, 15.1080,
7.5817

■ 153.6150, 41.1088,
21.3856

■ 223.7430, 6.5357,
3.7334

■ 135.9390, 49.8231,
26.3635

■ 241.4190, -2.1786,
-1.2445

■ 117.9640, 58.6847,
30.7266

■ 252.3500, -7.5675,
0.5701

■ 100.8750, 67.1096,
35.1896

■ 252.9480, -7.8624,
1.7996

■ 83.1990, 75.8239,
40.1675

■ 65.2240, 84.6856,
44.5306

■ 60.8050, 86.8641,
45.7750

Harmonies

Analogous

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



182.9670, 33.5403, -24.5271



188.6790, 23.8223, 12.5595



189.4840, 9.6214, 40.7945

Triad

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



188.6790, 23.8223, 12.5595



184.5060, -30.8155, 37.2672



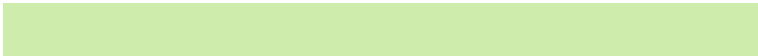
164.7130, 14.9315, -76.0473

Complementary

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



188.6790, 23.8223, 12.5595



220.3210, -23.8223, -12.5595

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.



171.8080, -5.8213, -46.3126



188.6790, 23.8223, 12.5595



181.4230, -31.7605, 13.6610

Square

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



188.6790, 23.8223, 12.5595



186.4230, -21.4075, 53.1260



177.2390, -22.7958, -15.1186



162.1040, 31.9937, -88.6682

Rectangle

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



188.6790, 23.8223, 12.5595



188.6890, -1.3257, 52.0157



177.2390, -22.7958, -15.1186



167.2320, 7.7736, -66.8555

Sweetspot

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



188.6790, 23.8223, 12.5595



239.9710, 7.4093, 3.5334



199.9550, 18.2632, -24.5165



118.2760, 4.7939, 2.3889



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.



188.6790, 23.8223, 12.5595



192.5360, 30.7948, 16.1929



198.2470, 19.1052, 32.2324



108.7490, 4.0677, 1.9741



46.3480, 66.3834, 34.7748



13.9300, 19.7545, 10.5854

Inverse Universe

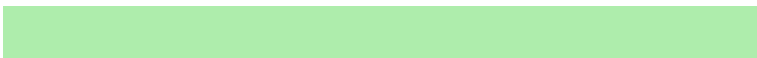
The Inverse Universe completely reimagines the original color for something new.



195.3110, 5.2697, 36.5613



201.1320, 6.8369, 47.2422



210.7530, -19.1052, -32.2324



109.9730, 0.9993, 6.1627



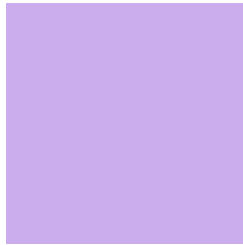
64.9490, 14.8151, 101.7767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 188.6790, 23.8223, 12.5595 looks on a white background.

Color Contrast Check

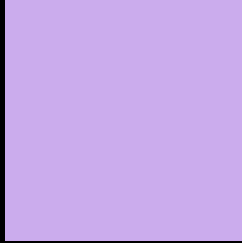
Large Text (above 18pt) WCAG AA × Fail

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 188.6790, 23.8223, 12.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

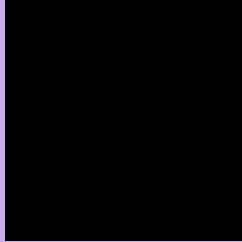
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.6790, 23.8223, 12.5595

Background



This preview shows how black text looks on a background with the YUV color 188.6790, 23.8223, 12.5595.



This preview shows how white text looks on a background with the YUV color 188.6790, 23.8223,

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

188.6790, 23.8223, 12.5595

Protanopia

185.5830, 29.2926, -15.4203

Deuteranopia

185.6610, 24.3241, -8.4727



Tritanopia

186.3800, 3.7567, 8.4367

Trichromacy



Original Color

188.6790, 23.8223, 12.5595

Protanomaly

186.7800, 27.2235, -5.0691

Deuteranomaly

187.0040, 24.1550, -0.8805

Tritanomaly

187.3400, 11.1714, 10.2258

Monochromacy



Original Color

188.6790, 23.8223, 12.5595

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6790, 23.8223, 12.5595 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(203, 172, 237)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 237)  
}
```

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(203, 172, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 237) }
```

Border

The CSS property to change the border of an element to YUV 188.6790, 23.8223, 12.5595 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(203, 172, 237) }
```


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

```
.border{ border-color:rgb(203, 172, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 237);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 188.6790, 23.8223, 12.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 237) }
```

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

```
.background{ background-color: rgb(203,  
172, 237) }
```

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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