

Converting Colors

YUV(188.7100, -10.2100,
8.1473)

Have a look what the booklet for
YUV(188.7100, -10.2100, 8.1473)
contains.

YUV(188.7100, -10.2100, 8.1473)	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(188.7100, -10.2100,
8.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BCA8
RGB	198, 188, 168
RGB Percent	78%, 74%, 66%
CMY	0.2235, 0.2627, 0.3412
CMYK	0.00, 0.05, 0.15, 0.22
HSL	40°, 21%, 72%
HSV	40°, 15%, 78%
XYZ	48.3398, 50.7994, 44.3033
YIQ	188.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

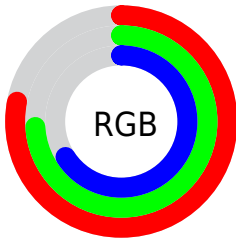
Format	Color
RYB	183, 198, 168
Decimal	13024424
CIELab	76.56, 0.16, 11.38
CIELCh	77, 11.380, 89.216
Yxy	50.7994, 0.3370, 0.3541
Android (android.graphics.Color)	4291214504 (0xFFC6BCA8)
YUV	188.7100, -10.2100, 8.1473
Hunter-Lab	71.2737, -3.6652, 13.0373

Details

The YUV color $188.7100, -10.2100, 8.1473$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $177.2900, 10.2100, -8.1473$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8950, -10.7942, 8.8621$, and $135.5250, -9.6258, 7.4326$ is the 20% darker color. If you saturate the color by 10%, you get $182.3210, -16.9203, 13.7505$, and if you desaturate by 10%, it is $195.0990, -3.4998, 2.5442$.

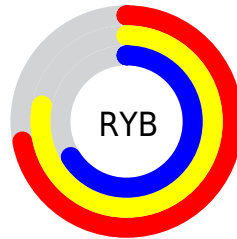
Distribution



Red (78%)

Green (74%)

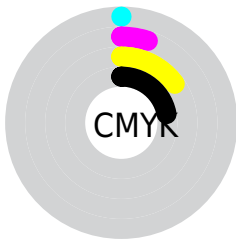
Blue (66%)



Red (72%)

Yellow (78%)

Blue (66%)

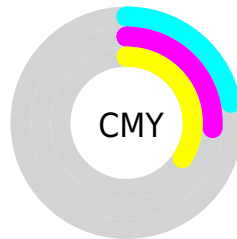


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7100, -10.2100, 8.1473 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 188.7100, -10.2100, 8.1473 by changing the saturation by 10% instead.

■ 188.7100,
-10.2100, 8.1473

■ 188.7100,
-10.2100, 8.1473

255.0000, 0.0000,
0.0000

■ 161.8240, -9.7732,
8.0474

■ 244.8950,
-10.7942, 8.8621

■ 135.5250, -9.6258,
7.4326

■ 254.6580, -1.3104,
0.2999

■ 110.2260, -9.4784,
6.8178

■ 85.4540, -8.6048,
6.6178

■ 62.5680, -8.1680,
6.5179

■ 40.3830, -7.5838,
5.8031

■ 20.1120, -9.9152,

6.9178

■ 0.0000, 0.0000,
0.0000

■ 188.7100,
-10.2100, 8.1473

■ 188.7100,
-10.2100, 8.1473

■ 182.3210,
-16.9203, 13.7505

■ 195.0990, -3.4998,
2.5442

■ 176.5190,
-23.9199, 18.8388

■ 200.9010, 3.4998,
-2.5442

■ 170.2440,
-30.1933, 24.3420

■ 207.1760, 9.7732,
-8.0474

■ 164.4420,
-37.1929, 29.4304

■ 212.9780, 16.7728,
-13.1357

■ 158.0530,
-43.9031, 35.0335

■ 217.9990, 18.2415,
-17.5391

■ 151.6640,
-50.6134, 40.6367

■ 222.1080, 16.2158,
-21.1427

■ 145.8620,
-57.6130, 45.7250

■ 225.6300, 14.4794,
-24.2315

■ 139.5870,
-63.8864, 51.2282

■ 229.7390, 12.4537,
-27.8351

■ 136.6860,
-67.3862, 53.7724

■ 233.2610, 10.7173,
-30.9239

Harmonies

Analogous

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



189.9820, -9.3581, 14.9248



188.7100, -10.2100, 8.1473



187.1110, -8.4357, -0.9743

Triad

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



188.7100, -10.2100, 8.1473



185.8880, 6.4642, -20.0728



190.9180, 4.4774, 10.5959

Complementary

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



188.7100, -10.2100, 8.1473



177.2900, 10.2100, -8.1473

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.



189.8890, 8.4357, 0.9743



188.7100, -10.2100, 8.1473



186.8220, 9.9478, -17.3839

Square

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



188.7100, -10.2100, 8.1473



185.2320, 1.3646, -17.7435



188.6920, 10.5048, -9.3769



191.2840, -0.6330, 16.4139

Rectangle

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



188.7100, -10.2100, 8.1473



186.4630, -5.6513, -7.4221



188.6920, 10.5048, -9.3769



190.6510, 6.0881, 7.3221

Sweetspot

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



188.7100, -10.2100, 8.1473



251.1700, -4.5208, 3.3589



178.1100, -0.0542, 17.4435



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000



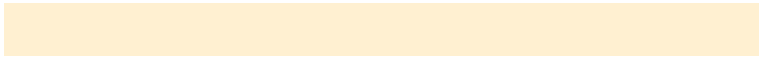
128.0000, 0.0000, 0.0000

Same Dimension

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



188.7100, -10.2100, 8.1473



240.9510, -15.7518, 12.3210



193.0850, -12.3669, -0.0745



96.2130, -3.0630, 2.4442



112.7200, -55.5710, 44.0956



24.8520, -12.2520, 9.7768

Inverse Universe

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



177.2900, 10.2100, -8.1473



223.0490, 15.7518, -12.3210



172.9150, 12.3669, 0.0745



92.7870, 3.0630, -2.4442



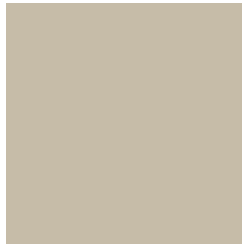
50.2800, 55.5710, -44.0956



11.1480, 12.2520, -9.7768

Previews

White Background



This preview shows how the YUV color 188.7100, -10.2100, 8.1473 looks on a white background.

Color Contrast Check

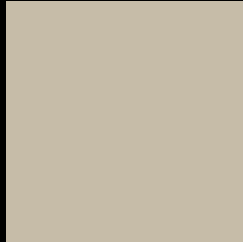
Large Text (above 18pt) WCAG AA × Fail

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 188.7100, -10.2100, 8.1473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

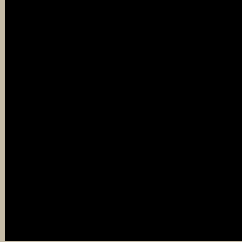
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.7100, -10.2100, 8.1473

Background



This preview shows how black text looks on a background with the YUV color 188.7100, -10.2100, 8.1473.



This preview shows how white text looks on a background with the YUV color 188.7100, -10.2100, 8.1473.

8.1473.

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

188.7100, -10.2100, 8.1473

Protanopia

188.4110, -10.0626, 7.5326

Deuteranopia

190.0860, -10.3954, 20.9726



Tritanopia

190.9780, 3.4618, 9.6663

Trichromacy



Original Color

188.7100, -10.2100, 8.1473

Protanomaly

188.4110, -10.0626, 7.5326

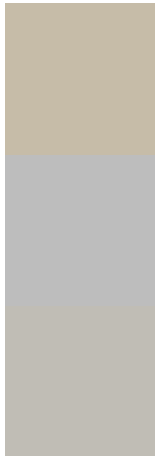
Deuteranomaly

189.4660, -10.0897, 16.2543

Tritanomaly

190.0120, -1.4849, 9.6365

Monochromacy



Original Color

188.7100, -10.2100, 8.1473

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7100, -10.2100, 8.1473 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(198, 188, 168)` looks like.

```
.text, #text, p{  
    color:rgb(198, 188, 168)  
}
```

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(198, 188, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 188, 168) }
```

Border

The CSS property to change the border of an element to YUV 188.7100, -10.2100, 8.1473 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(198, 188, 168) }
```


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

```
.border{ border-color:rgb(198, 188, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 188, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 188, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 188, 168);  
box-shadow:4px 4px 4px 4px rgb(198, 188,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 188.7100, -10.2100, 8.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 188, 168) }
```

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

```
.background{ background-color: rgb(198,  
188, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor