

Converting Colors

YUV(188.0550, -0.0271, 8.7218)

Have a look what the booklet for
YUV(188.0550, -0.0271, 8.7218)
contains.

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Color

**YUV(188.0550, -0.0271,
8.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7BC
RGB	198, 183, 188
RGB Percent	78%, 72%, 74%
CMY	0.2235, 0.2824, 0.2627
CMYK	0.00, 0.08, 0.05, 0.22
HSL	340°, 12%, 75%
HSV	340°, 8%, 78%
XYZ	49.2993, 49.5036, 54.5337
YIQ	188.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

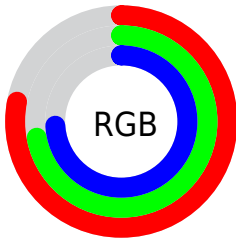
Format	Color
R _Y B	198, 183, 188
Decimal	13023164
CIE Lab	75.76, 6.20, -0.62
CIE LCh	76, 6.231, 354.320
Yxy	49.5036, 0.3215, 0.3228
Android (android.graphics.Color)	4291213244 (0xFFC6B7BC)
YUV	188.0550, -0.0271, 8.7218
Hunter-Lab	70.3588, 1.9443, 3.2966

Details

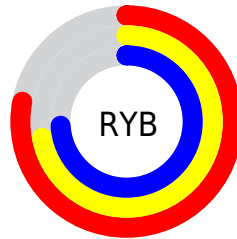
The YUV color $188.0550, -0.0271, 8.7218$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $192.9450, 0.0271, -8.7218$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.3540, -0.1745, 9.3365$, and $134.7560, 0.1203, 8.1070$ is the 20% darker color. If you saturate the color by 10%, you get $174.8330, 0.0823, 20.3175$, and if you desaturate by 10%, it is $201.2770, -0.1366, -2.8739$.

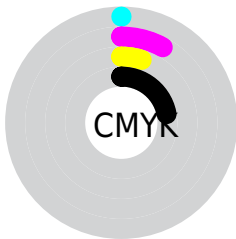
Distribution



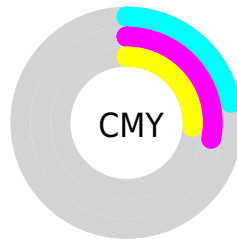
- Red (78%)
- Green (72%)
- Blue (74%)



- Red (78%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (22%)




- Cyan (22%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0550, -0.0271, 8.7218 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 188.0550, -0.0271, 8.7218 by changing the saturation by 10% instead.


 188.0550, -0.0271,
8.7218

 188.0550, -0.0271,
8.7218


255.0000, 0.0000,
0.0000


 161.0550, -0.0271,
8.7218


 244.3540, -0.1745,
9.3365

 134.7560, 0.1203,
8.1070

 109.4570, 0.2677,
7.4922

 85.3430, -0.1691,
7.5922

 62.0440, -0.0217,
6.9774

 40.0440, -0.0217,
6.9774

 19.1580, 0.4151,

6.8774

■ 0.0000, 0.0000,
0.0000

■ 188.0550, -0.0271,
8.7218

■ 188.0550, -0.0271,
8.7218

■ 174.8330, 0.0823,
20.3175

■ 201.2770, -0.1366,
-2.8739

■ 161.6110, 0.1918,
31.9132

■ 214.4990, -0.2460,
-14.4696

■ 148.8620, -0.4250,
43.0940

■ 227.2480, 0.3707,
-25.6505

■ 135.6400, -0.3155,
54.6897

■ 236.3610, 2.2870,
-33.6426

■ 122.4180, -0.2061,
66.2854

■ 237.8430, 7.9654,
-34.9423

■ 109.1960, -0.0966,
77.8811

■ 237.9570, 8.4022,
-35.0423

■ 95.9740, 0.0128,
89.4768

■ 83.2250, -0.6039,
100.6577

■ 70.0030, -0.4945,
112.2534

Harmonies

Analogous

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



187.7170, 2.6045, 4.6332



188.0550, -0.0271, 8.7218



187.9690, -2.9427, 10.5512

Triad

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



188.0550, -0.0271, 8.7218



186.0340, -4.9468, -0.0298



185.6120, 5.1213, -9.3067

Complementary

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



188.0550, -0.0271, 8.7218



192.9450, 0.0271, -8.7218

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.



185.0310, 2.9427, -10.5512



188.0550, -0.0271, 8.7218



185.2830, -2.6045, -4.6332

Square

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



188.0550, -0.0271, 8.7218



186.8390, -5.8366, 5.4032



184.9450, 0.0271, -8.7218



186.7480, 5.5472, -5.9180

Rectangle

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



188.0550, -0.0271, 8.7218



187.9150, -4.3951, 9.7215



184.9450, 0.0271, -8.7218



185.6720, 4.1057, -10.2363

Sweetspot

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



188.0550, -0.0271, 8.7218



251.7230, 0.1366, 2.8739



187.7000, 5.0779, 4.6481



126.0110, -0.0054, 1.7444



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.



188.0550, -0.0271, 8.7218



239.7890, 0.1040, 13.3400



188.6590, -2.7899, 8.1921



93.0330, -0.0163, 5.2331



54.8930, -0.4402, 94.8098



12.1320, -0.0651, 20.9322

Inverse Universe

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



188.0550, -0.0271, 8.7218



239.7890, 0.1040, 13.3400



192.3410, 2.7899, -8.1921



93.0330, -0.0163, 5.2331



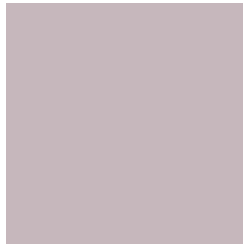
54.8930, -0.4402, 94.8098



12.1320, -0.0651, 20.9322

Previews

White Background



This preview shows how the YUV color 188.0550, -0.0271, 8.7218 looks on a white background.

Color Contrast Check

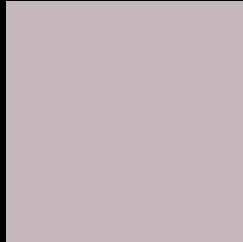
Large Text (above 18pt) WCAG AA × Fail

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 188.0550, -0.0271, 8.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

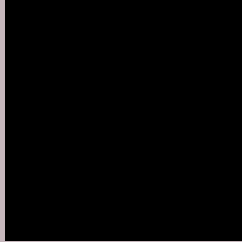
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.0550, -0.0271, 8.7218

Background



This preview shows how black text looks on a background with the YUV color 188.0550, -0.0271, 8.7218.



This preview shows how white text looks on a background with the YUV color 188.0550, -0.0271,

8.7218.

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

188.0550, -0.0271, 8.7218

Protanopia

187.3530, 1.3050, 1.4444

Deuteranopia

188.6750, -0.3328, 13.4400



Tritanopia

188.6790, 3.6093, 9.0515

Trichromacy



Original Color

188.0550, -0.0271, 8.7218

Protanomaly

187.5490, 0.7153, 3.9035

Deuteranomaly

188.6640, -0.3274, 11.6957

Tritanomaly

188.3370, 2.2989, 9.3515

Monochromacy



Original Color

188.0550, -0.0271, 8.7218

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0550, -0.0271, 8.7218 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, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 188)  
}
```

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, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 188) }
```

Border

The CSS property to change the border of an element to YUV 188.0550, -0.0271, 8.7218 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, 183, 188) }
```


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

```
.border{ border-color:rgb(198, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 188.0550, -0.0271, 8.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 188) }
```

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

```
.background{ background-color: rgb(198,  
183, 188) }
```

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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