

Converting Colors

YUV(188.2120, 1.8675, 7.7071)

Have a look what the booklet for
YUV(188.2120, 1.8675, 7.7071)
contains.

YUV(188.2120, 1.8675, 7.7071)	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(188.2120, 1.8675,
7.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B7C0
RGB	197, 183, 192
RGB Percent	77%, 72%, 75%
CMY	0.2275, 0.2824, 0.2471
CMYK	0.00, 0.07, 0.03, 0.23
HSL	321°, 11%, 75%
HSV	321°, 7%, 77%
XYZ	49.4739, 49.5431, 56.8244
YIQ	188.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

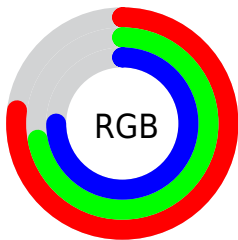
Format	Color
R _Y B	197, 183, 192
Decimal	12957632
CIE Lab	75.79, 6.57, -2.77
CIE LCh	76, 7.128, 337.150
Yxy	49.5431, 0.3175, 0.3179
Android (android.graphics.Color)	4291147712 (0xFFC5B7C0)
YUV	188.2120, 1.8675, 7.7071
Hunter-Lab	70.3868, 2.2881, 1.4050

Details

The YUV color **188.2120, 1.8675, 7.7071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191.7880, -1.8675, -7.7071**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5110, 1.7201, 8.3219**, and **134.9130, 2.0149, 7.0923** is the 20% darker color. If you saturate the color by 10%, you get **175.6740, 4.5977, 18.7029**, and if you desaturate by 10%, it is **200.7500, -0.8628, -3.2887**.

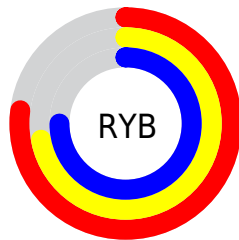
Distribution



Red (77%)

Green (72%)

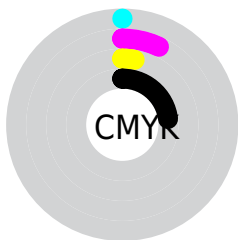
Blue (75%)



Red (77%)

Yellow (72%)

Blue (75%)

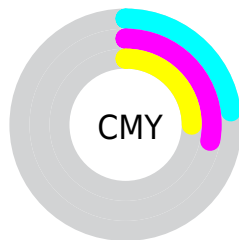


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2120, 1.8675, 7.7071 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 188.2120, 1.8675, 7.7071 by changing the saturation by 10% instead.

■ 188.2120, 1.8675,
7.7071

■ 188.2120, 1.8675,
7.7071

255.0000, 0.0000,
0.0000

■ 161.2120, 1.8675,
7.7071

■ 244.5110, 1.7201,
8.3219

■ 134.9130, 2.0149,
7.0923

■ 109.7990, 1.5781,
7.1923

■ 85.5000, 1.7255,
6.5775

■ 62.0870, 1.4361,
6.0627

■ 40.0870, 1.4361,
6.0627

■ 19.2010, 1.8729,

5.9627

■ 0.0000, 0.0000,
0.0000

■ 188.2120, 1.8675,
7.7071

■ 188.2120, 1.8675,
7.7071

■ 175.6740, 4.5977,
18.7029

■ 200.7500, -0.8628,
-3.2887

■ 163.7230, 7.0386,
29.1839

■ 212.7010, -3.3036,
-13.7698

■ 151.1850, 9.7688,
40.1798

■ 225.2390, -6.0338,
-24.7656

■ 138.6470, 12.4990,
51.1756

■ 233.6680, -6.7383,
-32.1578

■ 126.6960, 14.9399,
61.6566

■ 234.4660, -3.6807,
-32.8577

■ 114.1580, 17.6701,
72.6524

■ 235.2640, -0.6232,
-33.5575

■ 101.6200, 20.4003,
83.6483

■ 236.0620, 2.4344,
-34.2574

■ 89.0820, 23.1306,
94.6441

■ 236.8600, 5.4920,
-34.9572

■ 77.1310, 25.5714,
105.1251

■ 237.6580, 8.5496,
-35.6571

Harmonies

Analogous

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



187.8630, 4.5045, 1.8741



188.2120, 1.8675, 7.7071



188.0230, -1.4903, 11.3808

Triad

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



188.2120, 1.8675, 7.7071



186.7140, -6.2680, 3.7588



184.7750, 4.5479, -12.0807

Complementary

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



188.2120, 1.8675, 7.7071



191.7880, -1.8675, -7.7071

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.



184.9770, 1.4903, -11.3808



188.2120, 1.8675, 7.7071



185.7240, -4.7939, -2.3889

Square

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



188.2120, 1.8675, 7.7071



187.4480, -6.1369, 8.3771



184.7880, -1.8675, -7.7071



185.9540, 6.4317, -9.6067

Rectangle

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



188.2120, 1.8675, 7.7071



188.1540, -3.5269, 11.2659



184.7880, -1.8675, -7.7071



185.1340, 3.3849, -12.3955

Sweetspot

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



188.2120, 1.8675, 7.7071



251.8370, 0.5734, 2.7740



186.0910, 5.3781, 1.6742



126.1250, 0.4314, 1.6444



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.



188.2120, 1.8675, 7.7071



240.5870, 3.1616, 12.6402



187.4140, -1.1901, 8.4069



93.3750, 1.2941, 4.9331



60.7070, 21.8364, 89.7110



13.3860, 4.7397, 19.8325

Inverse Universe

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



188.2120, 1.8675, 7.7071



240.5870, 3.1616, 12.6402



192.5860, 1.1901, -8.4069



93.3750, 1.2941, 4.9331



60.7070, 21.8364, 89.7110



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 188.2120, 1.8675, 7.7071 looks on a white background.

Color Contrast Check

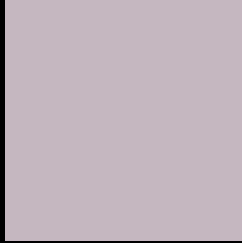
Large Text (above 18pt) WCAG AA × Fail

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 188.2120, 1.8675, 7.7071 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 188.2120, 1.8675, 7.7071

Background



This preview shows how black text looks on a background with the YUV color 188.2120, 1.8675, 7.7071.



This preview shows how white text looks on a background with the YUV color 188.2120, 1.8675,

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

188.2120, 1.8675, 7.7071

Protanopia

187.5100, 3.1996, 0.4297

Deuteranopia

188.5330, 1.7092, 11.8106



Tritanopia

188.4940, 4.1935, 8.3368

Trichromacy



Original Color

188.2120, 1.8675, 7.7071

Protanomaly

187.7060, 2.6099, 2.8888

Deuteranomaly

188.5220, 1.7147, 10.0662

Tritanomaly

188.2660, 3.3199, 8.5367

Monochromacy



Original Color

188.2120, 1.8675, 7.7071

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8370, 0.5734, 2.7740

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2120, 1.8675, 7.7071 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(197, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(197, 183, 192)  
}
```

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(197, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 183, 192) }
```

Border

The CSS property to change the border of an element to YUV 188.2120, 1.8675, 7.7071 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(197, 183, 192) }
```


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

```
.border{ border-color:rgb(197, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 183, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 183, 192); box-shadow:4px 4px 4px 4px rgb(197, 183, 192) }
```

Background

The CSS property to change the background color of an element to YUV 188.2120, 1.8675, 7.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 183, 192) }
```

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

```
.background{ background-color: rgb(197,  
183, 192) }
```

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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