

Converting Colors

YUV(191.2870, 4.7885, 4.1333)

Have a look what the booklet for
YUV(191.2870, 4.7885, 4.1333)
contains.

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Color

**YUV(191.2870, 4.7885,
4.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BBC9
RGB	196, 187, 201
RGB Percent	77%, 73%, 79%
CMY	0.2314, 0.2667, 0.2118
CMYK	0.02, 0.07, 0.00, 0.21
HSL	279°, 11%, 76%
HSV	279°, 7%, 79%
XYZ	51.0779, 51.4935, 62.5055
YIQ	191.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

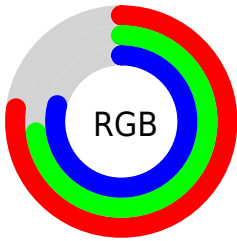
Format	Color
R _Y B	196, 187, 201
Decimal	12893129
CIE Lab	76.98, 5.74, -5.91
CIE LCh	77, 8.245, 314.163
Yxy	51.4935, 0.3094, 0.3119
Android (android.graphics.Color)	4291083209 (0xFFC4BBC9)
YUV	191.2870, 4.7885, 4.1333
Hunter-Lab	71.7589, 1.4778, -1.4132

Details

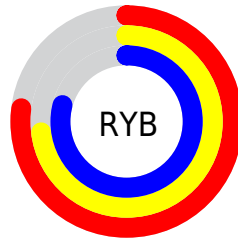
The YUV color $191.2870, 4.7885, 4.1333$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.7130, -4.7885, -4.1333$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3580, 3.7675, 4.9480$, and $137.8740, 4.4991, 3.6185$ is the 20% darker color. If you saturate the color by 10%, you get $177.4540, 11.6082, 10.1258$, and if you desaturate by 10%, it is $205.1200, -2.0312, -1.8592$.

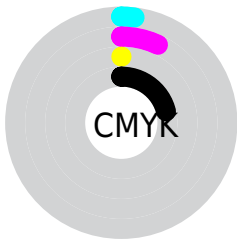
Distribution



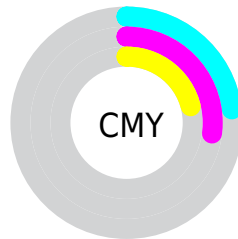
- Red (77%)
- Green (73%)
- Blue (79%)



- Red (77%)
- Yellow (73%)
- Blue (79%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.2870, 4.7885, 4.1333 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 191.2870, 4.7885, 4.1333 by changing the saturation by 10% instead.

■ 191.2870, 4.7885,
4.1333

■ 191.2870, 4.7885,
4.1333

255.0000, 0.0000,
0.0000

■ 164.2870, 4.7885,
4.1333

■ 247.3580, 3.7675,
4.9480

■ 137.8740, 4.4991,
3.6185

■ 112.7600, 4.0623,
3.7185

■ 87.8740, 4.4991,
3.6185

■ 64.7600, 4.0623,
3.7185

■ 42.3470, 3.7729,
3.2037

■ 22.2330, 3.3361,

3.3037

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 191.2870, 4.7885,
4.1333

■ 191.2870, 4.7885,
4.1333

■ 177.4540, 11.6082,
10.1258

■ 205.1200, -2.0312,
-1.8592

■ 163.6210, 18.4278,
16.1184

■ 218.9530, -8.8508,
-7.8518

■ 149.4890, 25.3949,
21.4961

■ 233.0850,
-15.8179, -13.2295

■ 135.6560, 32.2146,
27.4887

■ 239.8740,
-19.1649, -13.0445

121.8230, 39.0343,
33.4812

241.9670,
-20.1967, -8.7411

107.4030, 46.1433,
39.9886

244.0600,
-21.2286, -4.4376

93.5700, 52.9630,
45.9811

246.1530,
-22.2604, -0.1342

79.7370, 59.7827,
51.9737

248.2460,
-23.2923, 4.1693

65.6050, 66.7497,
57.3514

248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



190.2260, 7.2836, -2.8292



191.2870, 4.7885, 4.1333



191.4080, 1.2779, 10.1662

Triad

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



191.2870, 4.7885, 4.1333



190.5190, -7.1579, 9.1918



187.8950, 2.5168, -13.9399

Complementary

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



191.2870, 4.7885, 4.1333



196.7130, -4.7885, -4.1333

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.



187.7060, -0.8411, -10.2662



191.2870, 4.7885, 4.1333



189.7740, -7.2836, 2.8292

Square

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



191.2870, 4.7885, 4.1333



191.2960, -5.5689, 12.8954



188.7130, -4.7885, -4.1333



188.1060, 5.8637, -14.1250

Rectangle

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



191.2870, 4.7885, 4.1333



191.7350, -1.3484, 12.5104



188.7130, -4.7885, -4.1333



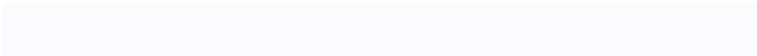
187.9660, 1.4958, -13.1252

Sweetspot

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



191.2870, 4.7885, 4.1333



251.4670, 1.7418, 1.3444



191.5310, 4.6682, -3.9737



125.9400, 1.0156, 0.9296



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.



191.2870, 4.7885, 4.1333



241.1670, 6.8197, 5.9925



192.5540, 3.1779, 7.4071



92.8200, 3.0467, 2.7889



49.9770, 55.7203, 48.2552



10.9810, 12.3344, 10.5407

Inverse Universe

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



191.7560, 0.1203, 8.1070



241.7780, 0.1094, 11.5957



195.4460, -3.1779, -7.4071



93.0330, -0.0163, 5.2331



55.3490, 1.3069, 94.4099



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 191.2870, 4.7885, 4.1333 looks on a white background.

Color Contrast Check

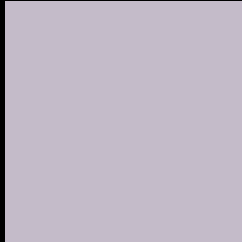
Large Text (above 18pt) WCAG AA × Fail

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 191.2870, 4.7885, 4.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

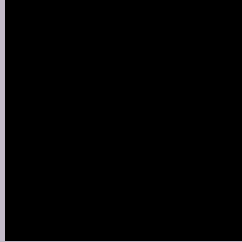
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.2870, 4.7885, 4.1333

Background



This preview shows how black text looks on a background with the YUV color 191.2870, 4.7885, 4.1333.

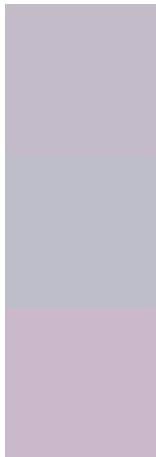


This preview shows how white text looks on a background with the YUV color 191.2870, 4.7885,

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

191.2870, 4.7885, 4.1333

Protanopia

190.7810, 5.5310, -0.6849

Deuteranopia

191.6190, 4.6248, 9.9811



Tritanopia

191.4010, 5.2253, 4.0333

Trichromacy



Original Color

191.2870, 4.7885, 4.1333

Protanomaly

190.7920, 5.5255, 1.0594

Deuteranomaly

191.3090, 4.7777, 7.6220

Tritanomaly

191.4010, 5.2253, 4.0333

Monochromacy



Original Color

191.2870, 4.7885, 4.1333

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.4670, 1.7418, 1.3444

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2870, 4.7885, 4.1333 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(196, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 201)  
}
```

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(196, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 201) }
```

Border

The CSS property to change the border of an element to YUV 191.2870, 4.7885, 4.1333 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(196, 187, 201) }
```


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

```
.border{ border-color:rgb(196, 187, 201) }
```

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

Here you see how a box with a 4 pixel rgb(196, 187, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 187,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 191.2870, 4.7885, 4.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 201) }
```

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

```
.background{ background-color: rgb(196,  
187, 201) }
```

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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