

Converting Colors

YUV(188.8650, -18.6674,
14.1504)

Have a look what the booklet for
YUV(188.8650, -18.6674, 14.1504)
contains.

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Color

**YUV(188.8650, -18.6674,
14.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBC97
RGB	205, 188, 151
RGB Percent	80%, 74%, 59%
CMY	0.1961, 0.2627, 0.4078
CMYK	0.00, 0.08, 0.26, 0.20
HSL	41°, 35%, 70%
HSV	41°, 26%, 80%
XYZ	48.7460, 51.1799, 36.5877
YIQ	188.8650, 22.0090, -7.9030

Conversions

Conversions Part 2

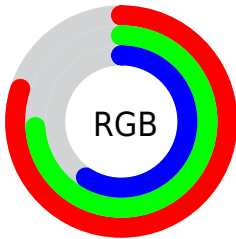
Format	Color
R _{YB}	176, 205, 151
Decimal	13483159
CIE Lab	76.79, 0.28, 20.93
CIE LCh	77, 20.936, 89.243
Yxy	51.1799, 0.3571, 0.3749
Android (android.graphics.Color)	4291673239 (0xFFCDBC97)
YUV	188.8650, -18.6674, 14.1504
Hunter-Lab	71.5402, -3.5691, 19.7555

Details

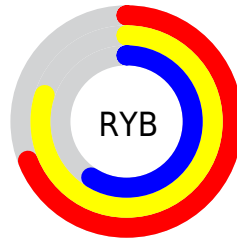
The YUV color **188.8650, -18.6674, 14.1504** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167.1350, 18.6674, -14.1504**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8430, -18.6566, 10.6617**, and **135.4950, -17.4990, 12.7209** is the 20% darker color. If you saturate the color by 10%, you get **183.0630, -25.6671, 19.2387**, and if you desaturate by 10%, it is **194.7810, -11.2310, 8.9621**.

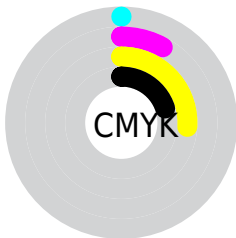
Distribution



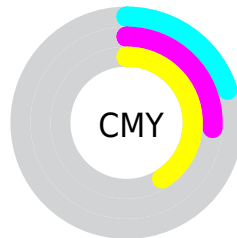
- Red (80%)
- Green (74%)
- Blue (59%)



- Red (69%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.8650, -18.6674, 14.1504 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 188.8650, -18.6674, 14.1504 by changing the saturation by 10% instead.

■ 188.8650,
-18.6674, 14.1504

■ 188.8650,
-18.6674, 14.1504

255.0000, 0.0000,
0.0000

■ 161.6800,
-18.0832, 13.4356

■ 242.8430,
-18.6566, 10.6617

■ 135.4950,
-17.4990, 12.7209

■ 252.6060, -9.1728,
2.0995

■ 110.3100,
-16.9148, 12.0061

■ 85.2390, -15.8938,
11.1914

■ 62.0540, -15.3096,
10.4766

■ 39.3420, -15.4516,
9.3471

■ 20.1120, -9.9152,

6.9178

0.0000, 0.0000,
0.0000

188.8650,
-18.6674, 14.1504

188.8650,
-18.6674, 14.1504

183.0630,
-25.6671, 19.2387

194.7810,
-11.2310, 8.9621

176.5600,
-32.8141, 24.9419

201.1700, -4.5208,
3.3589

170.7580,
-39.8137, 30.0302

207.0860, 2.9156,
-1.8294

164.2550,
-46.9607, 35.7334

213.4750, 9.6258,
-7.4326

158.4530,
-53.9603, 40.8217

219.3910, 17.0622,
-12.6209

■ 151.9500,
-61.1073, 46.5249

■ 223.6140, 15.4733,
-16.3245

■ 146.1480,
-68.1070, 51.6132

■ 227.1360, 13.7370,
-19.4133

■ 143.4750,
-70.7332, 53.9574

■ 231.2450, 11.7112,
-23.0169

■ 234.7670, 9.9749,
-26.1057

Harmonies

Analogous

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



190.8110, -16.6688, 26.4758



188.8650, -18.6674, 14.1504



186.5640, -15.5611, -2.2486

Triad

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



188.8650, -18.6674, 14.1504



182.0750, 12.7810, -39.5308



192.9990, 8.3815, 18.4179

Complementary

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



188.8650, -18.6674, 14.1504



167.1350, 18.6674, -14.1504

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.



191.4250, 15.5665, 0.5043



188.8650, -18.6674, 14.1504



184.3020, 18.5851, -34.4679

Square

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



188.8650, -18.6674, 14.1504



182.4750, 2.7238, -33.7426



188.0420, 19.6993, -18.4538



192.9590, -0.9658, 29.8540

Rectangle

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



188.8650, -18.6674, 14.1504



184.8660, -10.2869, -13.9145



188.0420, 19.6993, -18.4538



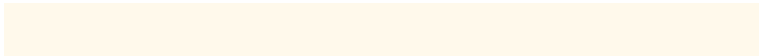
192.9490, 10.8711, 13.1997

Sweetspot

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



188.8650, -18.6674, 14.1504



249.1980, -6.9996, 5.0884



169.0840, -0.5344, 31.4983



123.5830, -4.2314, 3.8737



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.



188.8650, -18.6674, 14.1504



230.3900, -28.2933, 21.5830



195.8540, -22.1130, -0.7490



99.0990, -3.4998, 2.5442



116.5520, -57.4601, 43.3659



26.6240, -13.1256, 9.9768

Inverse Universe

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



167.1350, 18.6674, -14.1504



197.6100, 28.2933, -21.5830



160.1460, 22.1130, 0.7490



94.9010, 3.4998, -2.5442



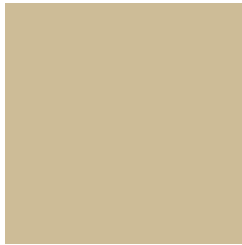
49.4480, 57.4601, -43.3659



11.3760, 13.1256, -9.9768

Previews

White Background



This preview shows how the YUV color 188.8650, -18.6674, 14.1504 looks on a white background.

Color Contrast Check

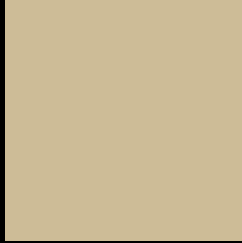
Large Text (above 18pt) WCAG AA × Fail

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 188.8650, -18.6674, 14.1504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

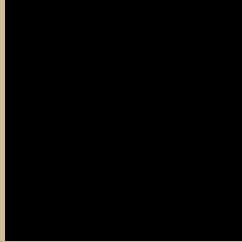
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.8650, -18.6674, 14.1504

Background



This preview shows how black text looks on a background with the YUV color 188.8650, -18.6674, 14.1504.



This preview shows how white text looks on a background with the YUV color 188.8650, -18.6674,

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

188.8650, -18.6674, 14.1504

Protanopia

188.3700, -17.9304, 11.0765

Deuteranopia

190.2410, -18.8528, 26.9756



Tritanopia

191.9680, 1.9878, 15.8141

Trichromacy



Original Color

188.8650, -18.6674, 14.1504

Protanomaly

188.6690, -18.0778, 11.6913

Deuteranomaly

189.6210, -18.5472, 22.2574

Tritanomaly

190.7200, -5.2850, 15.1546

Monochromacy



Original Color

188.8650, -18.6674, 14.1504

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1980, -6.9996, 5.0884

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8650, -18.6674, 14.1504 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(205, 188, 151)` looks like.

```
.text, #text, p{  
    color:rgb(205, 188, 151)  
}
```

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(205, 188, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 188, 151) }
```

Border

The CSS property to change the border of an element to YUV 188.8650, -18.6674, 14.1504 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(205, 188, 151) }
```


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

```
.border{ border-color:rgb(205, 188, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 188, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 188, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 188, 151); box-shadow:4px 4px 4px 4px rgb(205, 188, 151) }
```

Background

The CSS property to change the background color of an element to YUV 188.8650, -18.6674, 14.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 188, 151) }
```

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

```
.background{ background-color: rgb(205,  
188, 151) }
```

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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