

Converting Colors

YUV(190.9140, -19.6776,
11.4764)

Have a look what the booklet for
YUV(190.9140, -19.6776, 11.4764)
contains.

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Color

**YUV(190.9140, -19.6776,
11.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC097
RGB	204, 192, 151
RGB Percent	80%, 75%, 59%
CMY	0.2000, 0.2471, 0.4078
CMYK	0.00, 0.06, 0.26, 0.20
HSL	46°, 34%, 70%
HSV	46°, 26%, 80%
XYZ	49.3374, 52.7710, 36.8636
YIQ	190.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

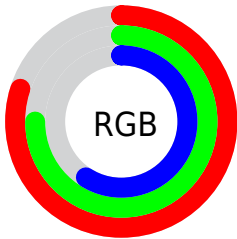
Format	Color
RYB	167, 204, 151
Decimal	13418647
CIELab	77.74, -2.21, 22.23
CIELCh	78, 22.336, 95.688
Yxy	52.7710, 0.3550, 0.3797
Android (android.graphics.Color)	4291608727 (0xFFCCC097)
YUV	190.9140, -19.6776, 11.4764
Hunter-Lab	72.6437, -5.8946, 20.7634

Details

The YUV color $190.9140, -19.6776, 11.4764$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $164.0860, 19.6776, -11.4764$, and the grayscale version is $191.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1910, -19.8142, 8.6025$, and $137.5440, -18.5092, 10.0469$ is the 20% darker color. If you saturate the color by 10%, you get $185.6990, -26.9666, 16.0500$, and if you desaturate by 10%, it is $196.1290, -12.3886, 6.9029$.

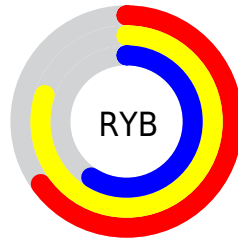
Distribution



Red (80%)

Green (75%)

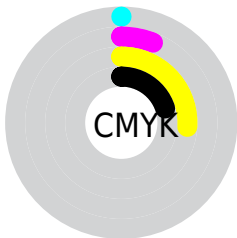
Blue (59%)



Red (65%)

Yellow (80%)

Blue (59%)

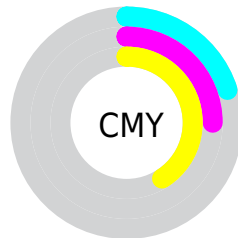


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.9140, -19.6776, 11.4764 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 190.9140, -19.6776, 11.4764 by changing the saturation by 10% instead.

■ 190.9140,
-19.6776, 11.4764

■ 190.9140,
-19.6776, 11.4764

255.0000, 0.0000,
0.0000

■ 163.7290,
-19.0934, 10.7617

■ 245.1910,
-19.8142, 8.6025

■ 137.5440,
-18.5092, 10.0469

■ 252.6060, -9.1728,
2.0995

■ 111.7720,
-17.6356, 9.8470

■ 87.5870, -17.0514,
9.1322

■ 64.1030, -16.3198,
7.8027

■ 41.6900, -16.6092,
7.2879

■ 21.8730, -10.7834,

5.3734

■ 0.0000, 0.0000,
0.0000

■ 190.9140,
-19.6776, 11.4764

■ 190.9140,
-19.6776, 11.4764

■ 185.6990,
-26.9666, 16.0500

■ 196.1290,
-12.3886, 6.9029

■ 180.9570,
-34.9818, 20.2087

■ 200.8710, -4.3734,
2.7441

■ 175.7420,
-42.2708, 24.7823

■ 206.0860, 2.9156,
-1.8294

■ 171.0000,
-50.2860, 28.9410

■ 210.8280, 10.9308,
-5.9882

■ 165.7850,
-57.5750, 33.5146

■ 216.0430, 18.2198,
-10.5617

■ 160.5700,
-64.8640, 38.0881

■ 219.2060, 17.6464,
-13.3357

■ 155.8280,
-72.8792, 42.2468

■ 221.5540, 16.4889,
-15.3949

■ 153.7420,
-75.7948, 44.0763

■ 224.4890, 15.0419,
-17.9689

■ 227.4240, 13.5950,
-20.5428

Harmonies

Analogous

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



192.9420, -18.7054, 26.3609



190.9140, -19.6776, 11.4764



188.3570, -14.9660, -6.4521

Triad

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



190.9140, -19.6776, 11.4764



184.0360, 15.2653, -43.0046



196.2770, 6.7654, 23.4361

Complementary

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



190.9140, -19.6776, 11.4764



164.0860, 19.6776, -11.4764

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.



195.0450, 15.2608, 5.2225



190.9140, -19.6776, 11.4764



187.1710, 20.6217, -34.3530

Square

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



190.9140, -19.6776, 11.4764



183.8380, 5.5029, -38.4459



191.5800, 20.4201, -16.2947



195.4110, -3.1606, 33.8426

Rectangle

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



190.9140, -19.6776, 11.4764



186.4740, -9.1077, -18.8327



191.5800, 20.4201, -16.2947



195.4550, 10.1287, 18.0180

Sweetspot

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



190.9140, -19.6776, 11.4764



249.7850, -7.2890, 4.5736



168.2150, -2.5710, 31.3834



124.7570, -4.8102, 2.8441



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.



190.9140, -19.6776, 11.4764



235.4280, -29.2980, 17.1646



193.7720, -21.0866, -3.3080



99.6860, -3.7892, 2.0294



124.7700, -61.5116, 36.1587



28.9720, -14.2832, 7.9176

Inverse Universe

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



164.0860, 19.6776, -11.4764



195.5720, 29.2980, -17.1646



161.2280, 21.0866, 3.3080



94.3140, 3.7892, -2.0294



41.2300, 61.5116, -36.1587



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 190.9140, -19.6776, 11.4764 looks on a white background.

Color Contrast Check

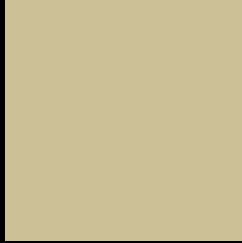
Large Text (above 18pt) WCAG AA × Fail

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 190.9140, -19.6776, 11.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

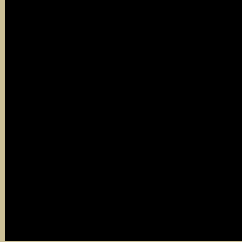
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

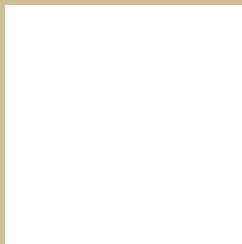
Any Text WCAG AAA ✓ Pass

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

YUV 190.9140, -19.6776, 11.4764 Background



This preview shows how black text looks on a background with the YUV color 190.9140, -19.6776, 11.4764.



This preview shows how white text looks on a background with the YUV color 190.9140, -19.6776, 11.4764.

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

190.9140, -19.6776, 11.4764

Protanopia

191.2130, -19.8250, 12.0912

Deuteranopia

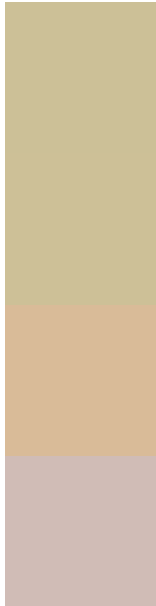
192.4260, -19.4370, 27.6904



Tritanopia

194.1850, 2.8668, 13.8698

Trichromacy



Original Color

190.9140, -19.6776, 11.4764

Protanomaly

191.2130, -19.8250, 12.0912

Deuteranomaly

191.9800, -19.7101, 21.9425

Tritanomaly

193.2960, -5.5689, 12.8954

Monochromacy



Original Color

190.9140, -19.6776, 11.4764

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.7850, -7.2890, 4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.9140, -19.6776, 11.4764 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(204, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 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(204, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 151) }
```

Border

The CSS property to change the border of an element to YUV 190.9140, -19.6776, 11.4764 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(204, 192, 151) }
```


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

```
.border{ border-color:rgb(204, 192, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 190.9140, -19.6776, 11.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 151) }
```

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

```
.background{ background-color: rgb(204,  
192, 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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