

Converting Colors

YUV(170.9020, -11.2907,
28.1499)

Have a look what the booklet for
YUV(170.9020, -11.2907, 28.1499)
contains.

YUV(170.9020, -11.2907, 28.1499)	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(170.9020, -11.2907,
28.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9F94
RGB	203, 159, 148
RGB Percent	80%, 62%, 58%
CMY	0.2039, 0.3765, 0.4196
CMYK	0.00, 0.22, 0.27, 0.20
HSL	12°, 35%, 69%
HSV	12°, 27%, 80%
XYZ	42.3720, 39.6309, 33.4333
YIQ	170.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

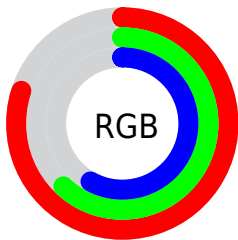
Format	Color
R _Y B	203, 162, 148
Decimal	13344660
CIE Lab	69.21, 14.69, 11.98
CIE LCh	69, 18.957, 39.189
Yxy	39.6309, 0.3671, 0.3433
Android (android.graphics.Color)	4291534740 (0xFFCB9F94)
YUV	170.9020, -11.2907, 28.1499
Hunter-Lab	62.9531, 9.9757, 12.5793

Details

The YUV color **170.9020, -11.2907, 28.1499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **180.0980, 11.2907, -28.1499**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8910, -11.2853, 26.4056**, and **118.1190, -10.4117, 26.2056** is the 20% darker color. If you saturate the color by 10%, you get **159.2300, -15.3964, 38.3863**, and if you desaturate by 10%, it is **182.5740, -7.1850, 17.9136**.

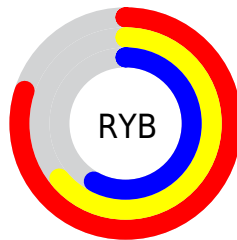
Distribution



Red (80%)

Green (62%)

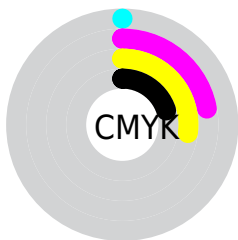
Blue (58%)



Red (80%)

Yellow (64%)

Blue (58%)

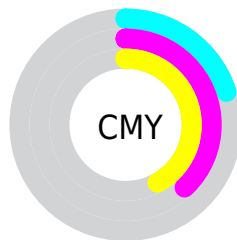


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9020, -11.2907, 28.1499 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 170.9020, -11.2907, 28.1499 by changing the saturation by 10% instead.

■ 170.9020,
-11.2907, 28.1499

■ 170.9020,
-11.2907, 28.1499

255.0000, 0.0000,
0.0000

■ 144.3040,
-10.9959, 26.9204

■ 224.8910,
-11.2853, 26.4056

■ 118.1190,
-10.4117, 26.2056

■ 244.5190, -7.1579,
9.1918

■ 93.3360, -9.5326,
24.2613

■ 69.7380, -9.2378,
23.0318

■ 46.9550, -8.3588,
21.0875

■ 24.9010, -9.8112,
20.2578

■ 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 170.9020,
-11.2907, 28.1499

■ 170.9020,
-11.2907, 28.1499

■ 159.2300,
-15.3964, 38.3863

■ 182.5740, -7.1850,
17.9136

■ 147.4440,
-19.9389, 48.7226

■ 194.3600, -2.6425,
7.5773

■ 135.1850,
-23.7552, 59.4738

■ 206.6190, 1.1738,
-3.1739

■ 123.5130,
-27.8609, 69.7101

■ 218.2910, 5.2795,
-13.4102

■ 111.8410,
-31.9666, 79.9464

■ 230.0770, 9.8220,
-23.7465

■ 100.0550,
-36.5091, 90.2828

■ 239.4520, 7.6652,
-31.9684

■ 87.7960, -40.3254,
101.0339

■ 84.7640, -41.7887,
103.6930

Harmonies

Analogous

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



171.8510, -3.8705, 28.1947



170.9020, -11.2907, 28.1499



169.5930, -16.0683, 20.5279

Triad

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



170.9020, -11.2907, 28.1499



163.8310, -3.8607, -21.7768



168.9890, 16.7674, -11.3914

Complementary

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



170.9020, -11.2907, 28.1499



180.0980, 11.2907, -28.1499

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.



165.4170, 17.5424, -26.6757



170.9020, -11.2907, 28.1499



162.2840, 5.7760, -32.6981

Square

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



170.9020, -11.2907, 28.1499



165.8560, -11.7610, -7.7667



162.9230, 13.3490, -35.0125



171.5460, 12.0558, 6.5372

Rectangle

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



170.9020, -11.2907, 28.1499



168.7230, -16.6254, 12.5209



162.9230, 13.3490, -35.0125



168.0700, 17.2205, -16.7244

Sweetspot

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



170.9020, -11.2907, 28.1499



243.3280, -4.1057, 10.2363



169.4610, 11.1117, 29.4137



120.0610, -2.4951, 6.9625



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.



170.9020, -11.2907, 28.1499



206.0950, -17.3018, 42.8897



186.7510, -19.1042, 14.2504



96.1640, -2.0529, 5.1182



69.0050, -34.0195, 85.0646



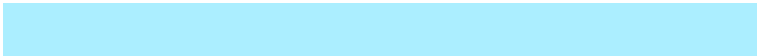
16.0580, -7.9166, 19.2431

Inverse Universe

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



180.0980, 11.2907, -28.1499



219.9050, 17.3018, -42.8897



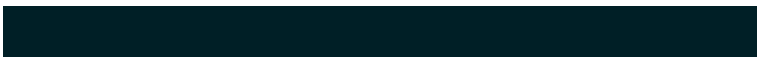
164.2490, 19.1042, -14.2504



97.8360, 2.0529, -5.1182



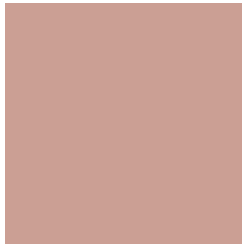
96.9950, 34.0195, -85.0646



22.5290, 7.6272, -19.7579

Previews

White Background



This preview shows how the YUV color 170.9020, -11.2907, 28.1499 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 170.9020, -11.2907, 28.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

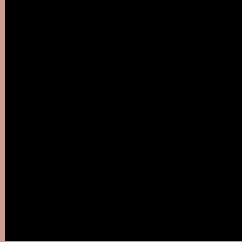
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9020, -11.2907, 28.1499

Background



This preview shows how black text looks on a background with the YUV color 170.9020, -11.2907, 28.1499.



This preview shows how white text looks on a background with the YUV color 170.9020, -11.2907, 28.1499.

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

170.9020, -11.2907, 28.1499

Protanopia

169.2690, -8.0206, 5.9031

Deuteranopia

170.1460, -11.4110, 20.0430



Tritanopia

172.0190, -1.9814, 28.9243

Trichromacy



Original Color

170.9020, -11.2907, 28.1499

Protanomaly

169.6830, -9.2107, 14.3100

Deuteranomaly

170.7550, -11.7112, 23.0169

Tritanomaly

171.5090, -5.1809, 28.4946

Monochromacy



Original Color

170.9020, -11.2907, 28.1499

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.3280, -4.1057, 10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9020, -11.2907, 28.1499 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(203, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(203, 159, 148)  
}
```

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(203, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 159, 148) }
```

Border

The CSS property to change the border of an element to YUV 170.9020, -11.2907, 28.1499 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(203, 159, 148) }
```


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

```
.border{ border-color:rgb(203, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 159, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 159, 148); box-shadow:4px 4px 4px 4px rgb(203, 159, 148) }
```

Background

The CSS property to change the background color of an element to YUV 170.9020, -11.2907, 28.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 159, 148) }
```

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

```
.background{ background-color: rgb(203,  
159, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor