

Converting Colors

YUV(200.0900, -9.9044, 3.4291)

Have a look what the booklet for
YUV(200.0900, -9.9044, 3.4291)
contains.

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Color

**YUV(200.0900, -9.9044,
3.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCAB4
RGB	204, 202, 180
RGB Percent	80%, 79%, 71%
CMY	0.2000, 0.2078, 0.2941
CMYK	0.00, 0.01, 0.12, 0.20
HSL	55°, 19%, 75%
HSV	55°, 12%, 80%
XYZ	54.2606, 58.3737, 51.5874
YIQ	200.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

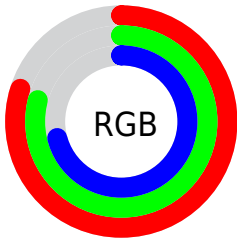
Format	Color
RYB	182, 204, 180
Decimal	13421236
CIELab	80.95, -3.09, 11.23
CIELCh	81, 11.650, 105.383
Yxy	58.3737, 0.3304, 0.3555
Android (android.graphics.Color)	4291611316 (0xFFCCCAB4)
YUV	200.0900, -9.9044, 3.4291
Hunter-Lab	76.4027, -6.9354, 13.4490

Details

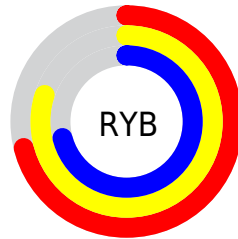
The YUV color $200.0900, -9.9044, 3.4291$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $183.9100, 9.9044, -3.4291$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $146.2040, -9.4676, 3.3291$ is the 20% darker color. If you saturate the color by 10%, you get $196.6360, -18.0615, 6.4582$, and if you desaturate by 10%, it is $203.5440, -1.7472, 0.3999$.

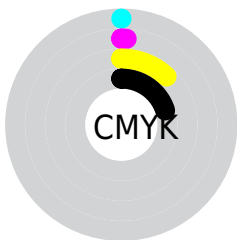
Distribution



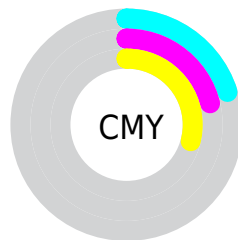
- Red (80%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.0900, -9.9044, 3.4291 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 200.0900, -9.9044, 3.4291 by changing the saturation by 10% instead.

 200.0900, -9.9044,
3.4291


 200.0900, -9.9044,
3.4291


255.0000, 0.0000,
0.0000


 173.0900, -9.9044,
3.4291


 252.8340, -8.2992,
1.8996

 146.2040, -9.4676,
3.3291

 120.3180, -9.0308,
3.2291

 95.4320, -8.5940,
3.1291

 72.1330, -8.4466,
2.5144

 49.3610, -7.5730,
2.3144

 28.2470, -8.0098,

2.4144

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 200.0900, -9.9044,
3.4291

■ 200.0900, -9.9044,
3.4291

■ 196.6360,
-18.0615, 6.4582

■ 203.5440, -1.7472,
0.3999

■ 193.6550,
-26.9449, 9.0726

■ 206.5250, 7.1362,
-2.2144

■ 190.2010,
-35.1021, 12.1017

■ 209.9790, 15.2934,
-5.2436

■ 186.6330,
-43.6961, 15.2309

■ 212.7490, 20.8297,
-7.6729

■ 183.1790,
-51.8532, 18.2600

■ 213.9230, 20.2510,
-8.7025

■ 180.3120,
-60.2998, 20.7744

■ 214.5100, 19.9616,
-9.2173

■ 176.7440,
-68.8938, 23.9035

■ 215.6840, 19.3828,
-10.2469

■ 173.2900,
-77.0510, 26.9327

■ 216.8580, 18.8040,
-11.2765

■ 170.7650,
-84.1871, 29.1471

■ 217.4450, 18.5146,
-11.7913

Harmonies

Analogous

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



201.0310, -10.3683, 12.2508



200.0900, -9.9044, 3.4291



198.5340, -6.6723, -6.6073

Triad

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



200.0900, -9.9044, 3.4291



197.8710, 8.9376, -20.0579



203.2560, 1.8458, 14.6845

Complementary

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



200.0900, -9.9044, 3.4291



183.9100, 9.9044, -3.4291

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.



203.0530, 6.3829, 6.0925



200.0900, -9.9044, 3.4291



200.0720, 10.8105, -14.0951

Square

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



200.0900, -9.9044, 3.4291



197.6060, 4.1382, -20.7025



201.6110, 10.0518, -4.0438



203.4970, -3.6960, 18.8581

Rectangle

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



200.0900, -9.9044, 3.4291



198.4130, -3.1616, -12.6402



201.6110, 10.0518, -4.0438



203.2880, 3.3090, 12.0254

Sweetspot

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



200.0900, -9.9044, 3.4291



253.2730, -4.0786, 1.5146



187.4040, -2.6642, 14.5547



126.6150, -2.7682, 1.2146



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.



200.0900, -9.9044, 3.4291



249.1350, -14.8566, 5.1436



198.2740, -9.0091, -3.7483



100.2730, -4.0786, 1.5146



138.8580, -68.4570, 23.8035



31.9070, -15.7302, 5.3436

Inverse Universe

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



183.9100, 9.9044, -3.4291



224.8650, 14.8566, -5.1436



185.7260, 9.0091, 3.7483



93.7270, 4.0786, -1.5146



27.1420, 68.4570, -23.8035



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 200.0900, -9.9044, 3.4291 looks on a white background.

Color Contrast Check

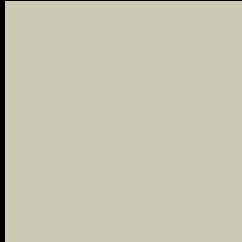
Large Text (above 18pt) WCAG AA × Fail

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 200.0900, -9.9044, 3.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

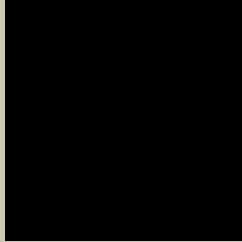
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

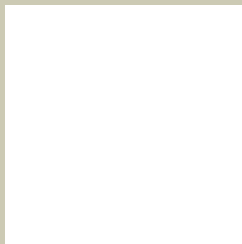
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.0900, -9.9044, 3.4291

Background



This preview shows how black text looks on a background with the YUV color 200.0900, -9.9044, 3.4291.



This preview shows how white text looks on a background with the YUV color 200.0900, -9.9044,

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

200.0900, -9.9044, 3.4291

Protanopia

200.5960, -10.6468, 8.2473

Deuteranopia

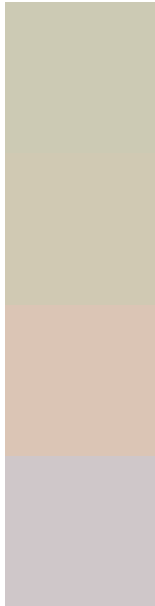
202.4990, -10.1060, 21.4874



Tritanopia

202.4120, 5.2199, 5.7777

Trichromacy



Original Color

200.0900, -9.9044, 3.4291

Protanomaly

200.5850, -10.6414, 6.5030

Deuteranomaly

201.7540, -10.2317, 15.1247

Tritanomaly

201.6200, -0.3057, 4.7183

Monochromacy



Original Color

200.0900, -9.9044, 3.4291

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0900, -9.9044, 3.4291 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, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 180)  
}
```

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, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 180) }
```

Border

The CSS property to change the border of an element to YUV 200.0900, -9.9044, 3.4291 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, 202, 180) }
```


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

```
.border{ border-color:rgb(204, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 200.0900, -9.9044, 3.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 180) }
```

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

```
.background{ background-color: rgb(204,  
202, 180) }
```

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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