

Converting Colors

YUV(200.1010, -9.9098, 5.1734)

Have a look what the booklet for
YUV(200.1010, -9.9098, 5.1734)
contains.

YUV(200.1010, -9.9098, 5.1734)	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(200.1010, -9.9098,
5.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC9B4
RGB	206, 201, 180
RGB Percent	81%, 79%, 71%
CMY	0.1922, 0.2118, 0.2941
CMYK	0.00, 0.02, 0.13, 0.19
HSL	48°, 21%, 76%
HSV	48°, 13%, 81%
XYZ	54.5785, 58.1904, 51.5353
YIQ	200.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

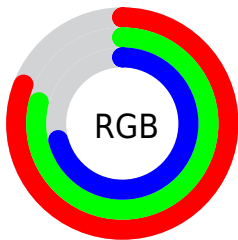
Format	Color
RYB	186, 206, 180
Decimal	13552052
CIELab	80.84, -1.84, 11.11
CIElCh	81, 11.262, 99.424
Yxy	58.1904, 0.3322, 0.3542
Android (android.graphics.Color)	4291742132 (0xFFCEC9B4)
YUV	200.1010, -9.9098, 5.1734
Hunter-Lab	76.2826, -5.7820, 13.3425

Details

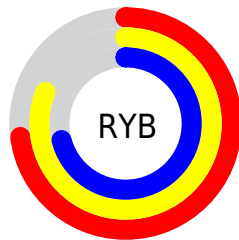
The YUV color $200.1010, -9.9098, 5.1734$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $185.8990, 9.9098, -5.1734$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $146.2150, -9.4730, 5.0734$ is the 20% darker color. If you saturate the color by 10%, you get $195.3590, -17.9250, 9.3322$, and if you desaturate by 10%, it is $204.8430, -1.8946, 1.0147$.

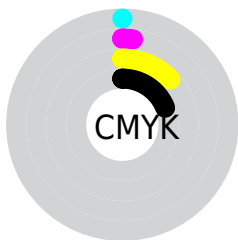
Distribution



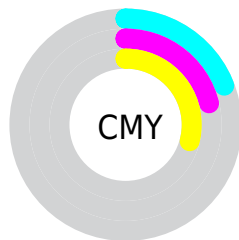
- Red (81%)
- Green (79%)
- Blue (71%)



- Red (73%)
- Yellow (81%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1010, -9.9098, 5.1734 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 200.1010, -9.9098, 5.1734 by changing the saturation by 10% instead.

■ 200.1010, -9.9098,
5.1734

■ 200.1010, -9.9098,
5.1734

255.0000, 0.0000,
0.0000

■ 172.8020, -9.7624,
4.5586

■ 252.8340, -8.2992,
1.8996

■ 146.2150, -9.4730,
5.0734

■ 120.3290, -9.0362,
4.9735

■ 96.0300, -8.8888,
4.3587

■ 71.8450, -8.3046,
3.6439

■ 49.3720, -7.5784,
4.0588

■ 27.9590, -7.8678,

3.5440

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 200.1010, -9.9098,
5.1734

■ 200.1010, -9.9098,
5.1734

■ 195.3590,
-17.9250, 9.3322

■ 204.8430, -1.8946,
1.0147

■ 190.7310,
-25.5034, 13.3909

■ 209.4710, 5.6838,
-3.0441

■ 185.9890,
-33.5186, 17.5496

■ 214.2130, 13.6990,
-7.2028

■ 181.3610,
-41.0970, 21.6084

■ 218.0430, 18.2198,
-10.5617

■ 176.6190,
-49.1122, 25.7671

■ 220.3910, 17.0622,
-12.6209

■ 171.8770,
-57.1274, 29.9259

■ 222.7390, 15.9047,
-14.6801

■ 167.2490,
-64.7058, 33.9846

■ 225.0870, 14.7471,
-16.7393

■ 162.5070,
-72.7210, 38.1434

■ 227.4350, 13.5895,
-18.7985

■ 159.0360,
-78.4047, 41.1874

■ 229.7830, 12.4320,
-20.8577

Harmonies

Analogous

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



201.4440, -10.0789, 12.7656



200.1010, -9.9098, 5.1734



198.7300, -7.2619, -4.1482

Triad

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



200.1010, -9.9098, 5.1734



197.6430, 8.0640, -19.8579



202.7720, 2.5774, 13.3550

Complementary

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



200.1010, -9.9098, 5.1734



185.8990, 9.9098, -5.1734

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.



202.2700, 7.2619, 4.1482



200.1010, -9.9098, 5.1734



199.2460, 10.2317, -15.1247

Square

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



200.1010, -9.9098, 5.1734



197.3890, 3.2592, -18.7582



200.6000, 10.0572, -5.7882



203.1270, -2.5276, 17.4286

Rectangle

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



200.1010, -9.9098, 5.1734



198.1960, -4.0406, -10.6959



200.6000, 10.0572, -5.7882



202.9180, 4.4774, 10.5959

Sweetspot

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



200.1010, -9.9098, 5.1734



252.6860, -3.7892, 2.0294



188.3440, -1.6486, 15.4843



126.0280, -2.4788, 1.7294



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.



200.1010, -9.9098, 5.1734



246.5590, -14.5726, 7.4028



200.6440, -10.1775, -2.3188



99.6860, -3.7892, 2.0294



128.2920, -63.2480, 33.0699



29.5590, -14.5726, 7.4028

Inverse Universe

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



185.8990, 9.9098, -5.1734



225.4410, 14.5726, -7.4028



185.3560, 10.1775, 2.3188



94.3140, 3.7892, -2.0294



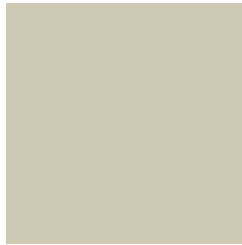
37.7080, 63.2480, -33.0699



8.4410, 14.5726, -7.4028

Previews

White Background



This preview shows how the YUV color 200.1010, -9.9098, 5.1734 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 200.1010, -9.9098, 5.1734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

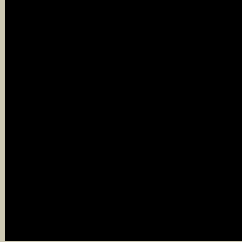
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.1010, -9.9098, 5.1734

Background



This preview shows how black text looks on a background with the YUV color 200.1010, -9.9098, 5.1734.



This preview shows how white text looks on a background with the YUV color 200.1010, -9.9098,

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

200.1010, -9.9098, 5.1734

Protanopia

200.2970, -10.4994, 7.6325

Deuteranopia

201.7980, -10.2534, 22.1022



Tritanopia

202.0100, 4.9251, 7.0072

Trichromacy



Original Color

200.1010, -9.9098, 5.1734

Protanomaly

199.9980, -10.3520, 7.0178

Deuteranomaly

201.1670, -9.9423, 15.6395

Tritanomaly

201.5170, -0.7479, 6.5626

Monochromacy



Original Color

200.1010, -9.9098, 5.1734

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.8000, -3.3524, 1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1010, -9.9098, 5.1734 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(206, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 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(206, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 180) }
```

Border

The CSS property to change the border of an element to YUV 200.1010, -9.9098, 5.1734 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(206, 201, 180) }
```


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

```
.border{ border-color:rgb(206, 201, 180) }
```

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

Here you see how a box with a 4 pixel rgb(206, 201, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 180);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 200.1010, -9.9098, 5.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 180) }
```

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

```
.background{ background-color: rgb(206,  
201, 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](#).

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