

Converting Colors

YUV(199.5910, -9.6584,
17.8987)

Have a look what the booklet for
YUV(199.5910, -9.6584, 17.8987)
contains.

YUV(199.5910, -9.6584, 17.8987)	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(199.5910, -9.6584,
17.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC1B4
RGB	220, 193, 180
RGB Percent	86%, 76%, 71%
CMY	0.1373, 0.2431, 0.2941
CMYK	0.00, 0.12, 0.18, 0.14
HSL	19°, 36%, 78%
HSV	19°, 18%, 86%
XYZ	56.8234, 56.6509, 51.1198
YIQ	199.5910, 20.2650, 1.6810

Conversions

Conversions Part 2

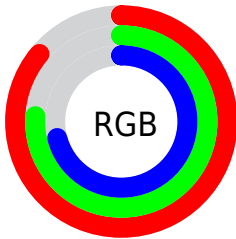
Format	Color
RYB	220, 199, 180
Decimal	14467508
CIELab	79.98, 7.49, 10.04
CIELCh	80, 12.530, 53.281
Yxy	56.6509, 0.3452, 0.3442
Android (android.graphics.Color)	4292657588 (0xFFDCC1B4)
YUV	199.5910, -9.6584, 17.8987
Hunter-Lab	75.2668, 3.0435, 12.4181

Details

The YUV color $199.5910, -9.6584, 17.8987$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.4090, 9.6584, -17.8987$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3120, -6.5628, 4.9884$, and $145.4060, -9.0742, 17.1839$ is the 20% darker color. If you saturate the color by 10%, you get $188.2780, -14.9271, 27.8202$, and if you desaturate by 10%, it is $210.9040, -4.3897, 7.9772$.

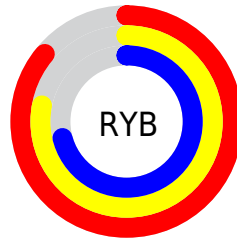
Distribution



Red (86%)

Green (76%)

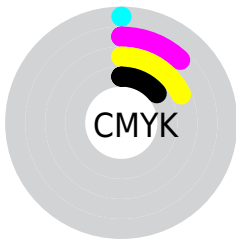
Blue (71%)



Red (86%)

Yellow (78%)

Blue (71%)

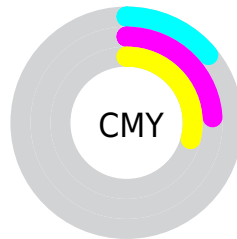


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5910, -9.6584, 17.8987 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 199.5910, -9.6584, 17.8987 by changing the saturation by 10% instead.

 199.5910, -9.6584,
17.8987

 199.5910, -9.6584,
17.8987


255.0000, 0.0000,
0.0000


 172.2920, -9.5110,
17.2839


 249.3120, -6.5628,
4.9884

 145.4060, -9.0742,
17.1839

 119.8080, -8.7793,
15.9544

 94.6230, -8.1951,
15.2396

 71.0250, -7.9003,
14.0101

 48.8400, -7.3161,
13.2953

 27.1280, -7.4581,

12.1657

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,
0.0000

■ 199.5910, -9.6584,
17.8987

■ 199.5910, -9.6584,
17.8987

■ 188.2780,
-14.9271, 27.8202

■ 210.9040, -4.3897,
7.9772

■ 176.9650,
-20.1957, 37.7417

■ 222.2170, 0.8790,
-1.9443

■ 165.6520,
-25.4644, 47.6632

■ 233.5300, 6.1477,
-11.8658

■ 154.9260,
-31.0225, 57.0699

■ 242.7740, 6.0274,
-19.9728

■ 143.6130,
-36.2912, 66.9914

■ 244.5350, 5.1592,
-21.5172

■ 132.3000,
-41.5599, 76.9129

■ 120.9870,
-46.8286, 86.8344

■ 109.6740,
-52.0973, 96.7559

■ 107.4570,
-52.9763, 98.7002

Harmonies

Analogous

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



200.7530, -5.3012, 20.3876



199.5910, -9.6584, 17.8987



198.6780, -11.6733, 10.8064

Triad

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



199.5910, -9.6584, 17.8987



194.5910, 0.2016, -18.0583



199.0350, 10.3357, -1.7847

Complementary

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



199.5910, -9.6584, 17.8987



200.4090, 9.6584, -17.8987

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.



197.3110, 11.6787, -12.5507



199.5910, -9.6584, 17.8987



194.4640, 6.1802, -22.3319

Square

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



199.5910, -9.6584, 17.8987



195.4520, -5.6458, -9.1664



195.3270, 10.6848, -20.4578



200.5480, 5.6458, 9.1664

Rectangle

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



199.5910, -9.6584, 17.8987



197.2750, -10.4886, 4.1438



195.3270, 10.6848, -20.4578



198.8280, 10.9308, -5.9882

Sweetspot

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



199.5910, -9.6584, 17.8987



248.2350, -3.0739, 5.9329



195.0380, 5.8973, 21.8917



123.5660, -1.7580, 3.8886



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.



199.5910, -9.6584, 17.8987



226.3100, -13.4638, 25.1611



211.3310, -15.4462, 7.6027



104.0500, -2.4896, 5.2182



84.5990, -41.7073, 77.5277



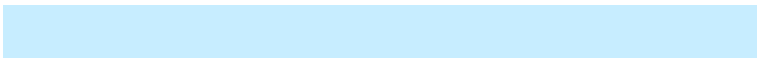
22.5590, -11.1216, 20.5578

Inverse Universe

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



200.4090, 9.6584, -17.8987



227.6900, 13.4638, -25.1611



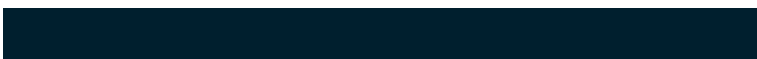
188.6690, 15.4462, -7.6027



104.3630, 2.7790, -4.7034



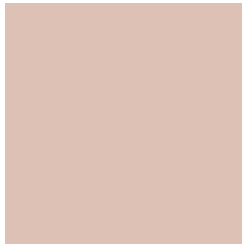
88.4010, 41.7073, -77.5277



23.4410, 11.1216, -20.5578

Previews

White Background



This preview shows how the YUV color 199.5910, -9.6584, 17.8987 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 199.5910, -9.6584, 17.8987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

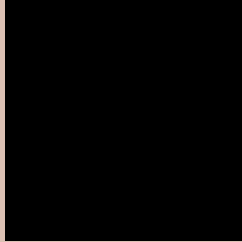
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.5910, -9.6584, 17.8987

Background



This preview shows how black text looks on a background with the YUV color 199.5910, -9.6584, 17.8987.



This preview shows how white text looks on a background with the YUV color 199.5910, -9.6584,

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

199.5910, -9.6584, 17.8987

Protanopia

198.6820, -7.7312, 6.4179

Deuteranopia

199.6130, -9.6692, 21.3874



Tritanopia

200.8760, 1.5401, 19.4027

Trichromacy



Original Color

199.5910, -9.6584, 17.8987

Protanomaly

198.8890, -8.3263, 10.6213

Deuteranomaly

199.9010, -9.8112, 20.2578

Tritanomaly

200.1380, -2.5330, 19.1730

Monochromacy



Original Color

199.5910, -9.6584, 17.8987

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.5340, -3.2213, 6.5477

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5910, -9.6584, 17.8987 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(220, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 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(220, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 180) }
```

Border

The CSS property to change the border of an element to YUV 199.5910, -9.6584, 17.8987 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(220, 193, 180) }
```


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

```
.border{ border-color:rgb(220, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 199.5910, -9.6584, 17.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 180) }
```

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

```
.background{ background-color: rgb(220,  
193, 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