

Converting Colors

YUV(199.7180, -2.3260, -0.6297)

Have a look what the booklet for
YUV(199.7180, -2.3260, -0.6297)
contains.

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Color

**YUV(199.7180, -2.3260,
-0.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C9C3
RGB	199, 201, 195
RGB Percent	78%, 79%, 76%
CMY	0.2196, 0.2118, 0.2353
CMYK	0.01, 0.00, 0.03, 0.21
HSL	80°, 5%, 78%
HSV	80°, 3%, 79%
XYZ	54.2902, 57.8555, 59.9356
YIQ	199.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

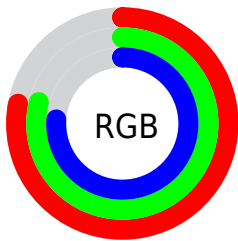
Format	Color
RYB	195, 201, 197
Decimal	13093315
CIELab	80.66, -1.77, 2.74
CIElCh	81, 3.267, 122.909
Yxy	57.8555, 0.3155, 0.3362
Android (android.graphics.Color)	4291283395 (0xFFC7C9C3)
YUV	199.7180, -2.3260, -0.6297
Hunter-Lab	76.0628, -5.7048, 6.5249

Details

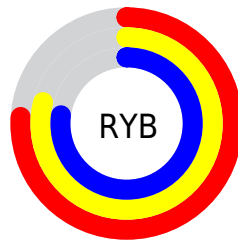
The YUV color **199.7180, -2.3260, -0.6297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196.2820, 2.3260, 0.6297**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.6580, -1.3104, 0.2999**, and **145.7180, -2.3260, -0.6297** is the 20% darker color. If you saturate the color by 10%, you get **195.3450, -10.0301, -2.9336**, and if you desaturate by 10%, it is **204.0910, 5.3781, 1.6742**.

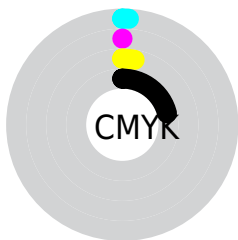
Distribution



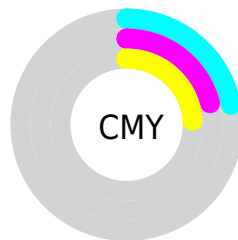
- Red (78%)
- Green (79%)
- Blue (76%)



- Red (76%)
- Yellow (79%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7180, -2.3260, -0.6297 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 199.7180, -2.3260, -0.6297 by changing the saturation by 10% instead.

■ 199.7180, -2.3260,
-0.6297

■ 199.7180, -2.3260,
-0.6297

255.0000, 0.0000,
0.0000

■ 172.7180, -2.3260,
-0.6297

254.6580, -1.3104,
0.2999

■ 145.7180, -2.3260,
-0.6297

■ 120.1310, -2.0366,
-0.1149

■ 95.7180, -2.3260,
-0.6297

■ 71.8320, -1.8892,
-0.7297

■ 49.2450, -1.5998,
-0.2149

■ 28.2450, -1.5998,

-0.2149

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 199.7180, -2.3260,
-0.6297

■ 199.7180, -2.3260,
-0.6297

■ 195.3450,
-10.0301, -2.9336

■ 204.0910, 5.3781,
1.6742

■ 191.2710,
-17.8816, -4.6227

■ 208.1650, 13.2297,
3.3633

■ 186.8980,
-25.5857, -6.9265

■ 212.5380, 20.9338,
5.6672

■ 182.5250,
-33.2898, -9.2304

■ 214.6310, 19.9019,
9.9706

■ 178.3370,
-41.5781, -10.8195

■ 216.4250, 19.0175,
13.6593

■ 173.9640,
-49.2823, -13.1234

■ 218.5180, 17.9856,
17.9627

■ 169.5910,
-56.9864, -15.4273

■ 220.6110, 16.9538,
22.2662

■ 165.2180,
-64.6905, -17.7312

■ 222.7040, 15.9219,
26.5696

■ 161.1440,
-72.5420, -19.4203

■ 223.3020, 15.6271,
27.7991

Harmonies

Analogous

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



200.2130, -3.0630, 2.4442



199.7180, -2.3260, -0.6297



199.6360, -1.2995, -3.1888

Triad

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



199.7180, -2.3260, -0.6297



199.6620, 2.6316, -4.0886



200.9190, -0.4531, 5.3330

Complementary

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



199.7180, -2.3260, -0.6297



196.2820, 2.3260, 0.6297

Split Complementary

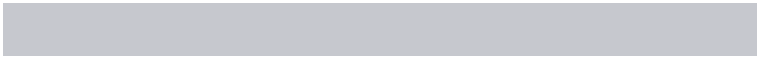
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.2500, 0.8628, 3.2888



199.7180, -2.3260, -0.6297



200.0860, 2.9156, -1.8294

Square

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



199.7180, -2.3260, -0.6297



199.4230, 1.7635, -5.6330



200.2820, 2.3260, 0.6297



200.5770, -1.7635, 5.6330

Rectangle

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



199.7180, -2.3260, -0.6297



199.2660, -0.1311, -4.6183



200.2820, 2.3260, 0.6297



200.7340, 0.1311, 4.6183

Sweetspot

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



199.7180, -2.3260, -0.6297



254.3590, -1.1630, -0.3148



197.9680, -1.4632, 2.6591



127.4730, -0.7262, -0.4148



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.



199.7180, -2.3260, -0.6297



252.9630, -3.9258, -0.8446



198.8210, -1.8838, -2.4740



98.1310, -2.0366, -0.1149



128.2720, -63.2381, -16.9015



28.3080, -13.9558, -3.7781

Inverse Universe

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



196.2820, 2.3260, 0.6297



247.0370, 3.9258, 0.8446



197.1790, 1.8838, 2.4740



95.1680, 1.8892, 0.7297



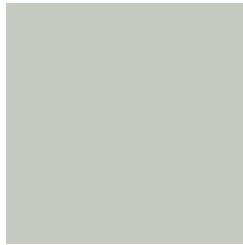
34.7280, 63.2381, 16.9015



7.6920, 13.9558, 3.7781

Previews

White Background



This preview shows how the YUV color 199.7180, -2.3260, -0.6297 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 199.7180, -2.3260, -0.6297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

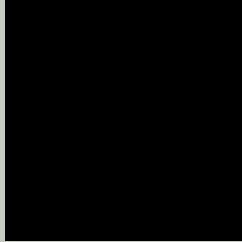
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

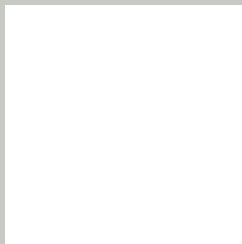
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.7180, -2.3260, -0.6297

Background



This preview shows how black text looks on a background with the YUV color 199.7180, -2.3260, -0.6297.



This preview shows how white text looks on a background with the YUV color 199.7180, -2.3260,

-0.6297.

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

199.7180, -2.3260, -0.6297

Protanopia

200.2240, -3.0684, 4.1886

Deuteranopia

202.3010, -3.1064, 16.3990



Tritanopia

201.0200, 6.3991, 0.8595

Trichromacy



Original Color

199.7180, -2.3260, -0.6297

Protanomaly

200.2130, -3.0630, 2.4442

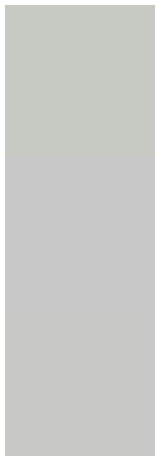
Deuteranomaly

201.6700, -2.7953, 9.9364

Tritanomaly

200.5100, 3.1996, 0.4297

Monochromacy



Original Color

199.7180, -2.3260, -0.6297

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7720, -0.8736, 0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7180, -2.3260, -0.6297 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(199, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 195)  
}
```

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(199, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 195) }
```

Border

The CSS property to change the border of an element to YUV 199.7180, -2.3260, -0.6297 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(199, 201, 195) }
```


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

```
.border{ border-color:rgb(199, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 199.7180, -2.3260, -0.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 195) }
```

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

```
.background{ background-color: rgb(199,  
201, 195) }
```

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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