

Converting Colors

YUV(199.1100, -3.5052, 4.2885)

Have a look what the booklet for
YUV(199.1100, -3.5052, 4.2885)
contains.

YUV(199.1100, -3.5052, 4.2885)	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(199.1100, -3.5052,
4.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC6C0
RGB	204, 198, 192
RGB Percent	80%, 78%, 75%
CMY	0.2000, 0.2235, 0.2471
CMYK	0.00, 0.03, 0.06, 0.20
HSL	30°, 11%, 78%
HSV	30°, 6%, 80%
XYZ	54.6104, 57.0313, 57.9990
YIQ	199.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

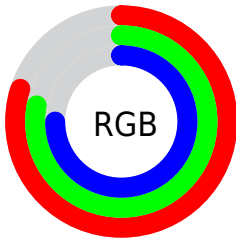
Format	Color
RYB	204, 204, 192
Decimal	13420224
CIELab	80.20, 1.03, 3.73
CIELCh	80, 3.871, 74.613
Yxy	57.0313, 0.3219, 0.3362
Android (android.graphics.Color)	4291610304 (0xFFCCC6C0)
YUV	199.1100, -3.5052, 4.2885
Hunter-Lab	75.5191, -3.0791, 7.3283

Details

The YUV color $199.1100, -3.5052, 4.2885$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.8900, 3.5052, -4.2885$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.2020, -3.0576, 0.6998$, and $145.2240, -3.0684, 4.1886$ is the 20% darker color. If you saturate the color by 10%, you get $190.9600, -9.3473, 11.4361$, and if you desaturate by 10%, it is $207.2600, 2.3368, -2.8590$.

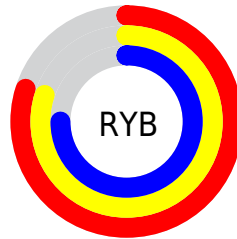
Distribution



Red (80%)

Green (78%)

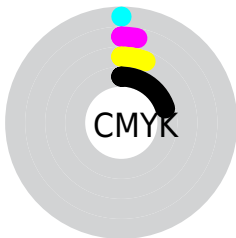
Blue (75%)



Red (80%)

Yellow (80%)

Blue (75%)

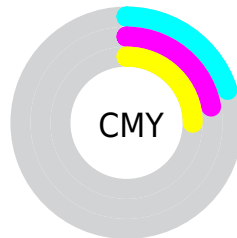


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1100, -3.5052, 4.2885 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 199.1100, -3.5052, 4.2885 by changing the saturation by 10% instead.

■ 199.1100, -3.5052,
4.2885

■ 199.1100, -3.5052,
4.2885

255.0000, 0.0000,
0.0000

■ 172.1100, -3.5052,
4.2885

■ 254.2020, -3.0576,
0.6998

■ 145.2240, -3.0684,
4.1886

■ 119.8110, -3.3578,
3.6738

■ 94.9250, -2.9210,
3.5738

■ 70.9250, -2.9210,
3.5738

■ 48.9250, -2.9210,
3.5738

■ 27.7400, -2.3368,

2.8590

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 199.1100, -3.5052,
4.2885

■ 199.1100, -3.5052,
4.2885

■ 190.9600, -9.3473,
11.4361

■ 207.2600, 2.3368,
-2.8590

■ 182.6960,
-15.6261, 18.6836

■ 215.5240, 8.6157,
-10.1065

■ 173.9590,
-21.1788, 26.3460

■ 224.2610, 14.1683,
-17.7689

■ 165.6950,
-27.4576, 33.5935

■ 230.3590, 12.1480,
-23.1168

■ 157.5450,
-33.2997, 40.7410

■ 236.2290, 9.2541,
-28.2648

■ 149.3950,
-39.1417, 47.8886

■ 239.7510, 7.5178,
-31.3536

■ 141.1310,
-45.4206, 55.1361

■ 132.3940,
-50.9732, 62.7985

■ 124.1300,
-57.2521, 70.0460

Harmonies

Analogous

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



199.3490, -2.6371, 5.8329



199.1100, -3.5052, 4.2885



198.5010, -3.2050, 1.3146

Triad

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



199.1100, -3.5052, 4.2885



197.7110, 1.6215, -6.7625



199.2930, 2.3206, 2.3740

Complementary

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



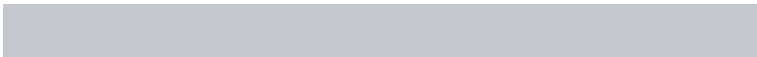
199.1100, -3.5052, 4.2885



196.8900, 3.5052, -4.2885

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.



199.2000, 3.3524, -1.9294



199.1100, -3.5052, 4.2885



198.3520, 2.7845, -6.4477

Square

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



199.1100, -3.5052, 4.2885



197.8530, -0.4205, -5.1331



198.5910, 3.6526, -4.9033



199.8480, 0.5679, 4.5183

Rectangle

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



199.1100, -3.5052, 4.2885



198.3050, -2.6154, -1.1445



198.5910, 3.6526, -4.9033



199.3960, 2.7628, 0.5297

Sweetspot

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



199.1100, -3.5052, 4.2885



252.6690, -1.3158, 2.0443



196.2720, 0.8519, 6.7775



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



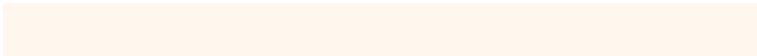
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.1100, -3.5052, 4.2885



247.6650, -5.2578, 6.4328



202.6320, -5.2416, 1.1997



98.7400, -2.3368, 2.8590



98.3550, -48.4890, 59.3247



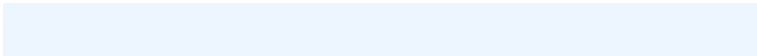
22.5150, -11.0999, 13.5803

Inverse Universe

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



196.8900, 3.5052, -4.2885



244.3350, 5.2578, -6.4328



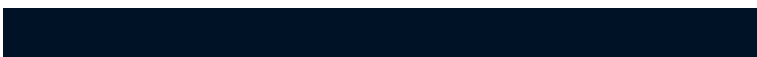
193.3680, 5.2416, -1.1997



97.2600, 2.3368, -2.8590



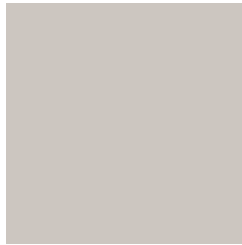
67.6450, 48.4890, -59.3247



15.4850, 11.0999, -13.5803

Previews

White Background



This preview shows how the YUV color 199.1100, -3.5052, 4.2885 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 199.1100, -3.5052, 4.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

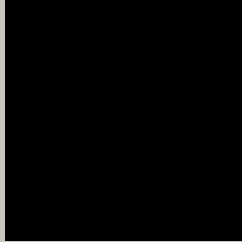
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

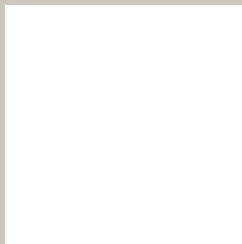
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.1100, -3.5052, 4.2885

Background



This preview shows how black text looks on a background with the YUV color 199.1100, -3.5052, 4.2885.



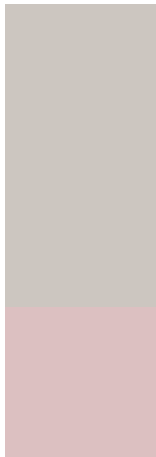
This preview shows how white text looks on a background with the YUV color 199.1100, -3.5052,

4.2885.

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

199.1100, -3.5052, 4.2885

Protanopia

199.1100, -3.5052, 4.2885

Deuteranopia

200.4860, -3.6906, 17.1138



Tritanopia

200.4120, 5.2199, 5.7777

Trichromacy



Original Color

199.1100, -3.5052, 4.2885

Protanomaly

199.1100, -3.5052, 4.2885

Deuteranomaly

199.8660, -3.3849, 12.3955

Tritanomaly

199.9020, 2.0203, 5.3479

Monochromacy



Original Color

199.1100, -3.5052, 4.2885

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2560, -1.6052, 1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1100, -3.5052, 4.2885 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, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 192)  
}
```

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, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 192) }
```

Border

The CSS property to change the border of an element to YUV 199.1100, -3.5052, 4.2885 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, 198, 192) }
```


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

```
.border{ border-color:rgb(204, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 199.1100, -3.5052, 4.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 192) }
```

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

```
.background{ background-color: rgb(204,  
198, 192) }
```

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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