

Converting Colors

YUV(203.3420, 1.3104, -0.2999)

Have a look what the booklet for
YUV(203.3420, 1.3104, -0.2999)
contains.

YUV(203.3420, 1.3104, -0.2999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(203.3420, 1.3104,
-0.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBCE
RGB	203, 203, 206
RGB Percent	80%, 80%, 81%
CMY	0.2039, 0.2039, 0.1922
CMYK	0.01, 0.01, 0.00, 0.19
HSL	240°, 3%, 80%
HSV	240°, 1%, 81%
XYZ	57.1251, 59.8646, 66.9367
YIQ	203.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

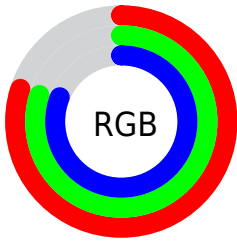
Format	Color
R _Y B	203, 203, 206
Decimal	13355982
CIE Lab	81.76, 0.56, -1.50
CIE LCh	82, 1.599, 290.359
Yxy	59.8646, 0.3106, 0.3255
Android (android.graphics.Color)	4291546062 (0xFFCBCBCE)
YUV	203.3420, 1.3104, -0.2999
Hunter-Lab	77.3722, -3.6121, 2.8672

Details

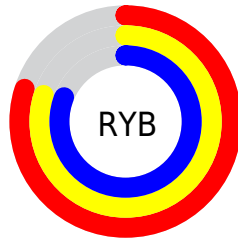
The YUV color $203.3420, 1.3104, -0.2999$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.6580, -1.3104, 0.2999$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $149.3420, 1.3104, -0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $184.7360, 10.4832, -2.3995$, and if you desaturate by 10%, it is $221.9480, -7.8624, 1.7996$.

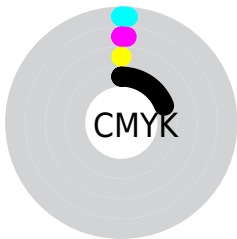
Distribution



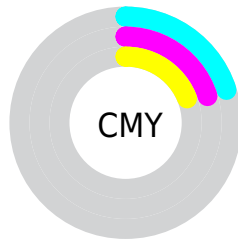
- Red (80%)
- Green (80%)
- Blue (81%)



- Red (80%)
- Yellow (80%)
- Blue (81%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3420, 1.3104, -0.2999 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 203.3420, 1.3104, -0.2999 by changing the saturation by 10% instead.

■ 203.3420, 1.3104,
-0.2999

■ 203.3420, 1.3104,
-0.2999

255.0000, 0.0000,
0.0000

■ 176.3420, 1.3104,
-0.2999

■ 149.3420, 1.3104,
-0.2999

■ 123.3420, 1.3104,
-0.2999

■ 98.3420, 1.3104,
-0.2999

■ 75.2280, 0.8736,
-0.2000

■ 52.2280, 0.8736,
-0.2000

■ 31.2280, 0.8736,

-0.2000

■ 6.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 203.3420, 1.3104,
-0.2999

■ 203.3420, 1.3104,
-0.2999

■ 184.7360, 10.4832,
-2.3995

■ 221.9480, -7.8624,
1.7996

■ 167.0160, 19.2191,
-4.3990

■ 239.6680,
-16.5983, 3.7992

■ 148.4100, 28.3919,
-6.4986

■ 249.4140,
-21.4031, 4.8989

■ 130.6900, 37.1278,
-8.4981

■ 112.0840, 46.3006,
-10.5977

■ 93.4780, 55.4733,
-12.6972

■ 75.7580, 64.2093,
-14.6968

■ 57.1520, 73.3821,
-16.7963

■ 39.4320, 82.1180,
-18.7959

Harmonies

Analogous

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



202.7440, 1.6052, -1.5295



203.3420, 1.3104, -0.2999



203.8260, 0.5788, 1.0296

Triad

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



203.3420, 1.3104, -0.2999



203.6690, -1.3158, 2.0443



202.6900, 0.1528, -2.3591

Complementary

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



203.3420, 1.3104, -0.2999



205.6580, -1.3104, 0.2999

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.



203.0600, -1.0156, -0.9296



203.3420, 1.3104, -0.2999



203.2560, -1.6052, 1.5295

Square

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



203.3420, 1.3104, -0.2999



203.4950, -0.7370, 3.0739



202.6580, -1.3104, 0.2999



202.8040, 0.5896, -2.4591

Rectangle

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



203.3420, 1.3104, -0.2999



203.4240, 0.2840, 2.2592



202.6580, -1.3104, 0.2999



202.8750, -0.4314, -1.6444

Sweetspot

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



203.3420, 1.3104, -0.2999

255.0000, 0.0000, 0.0000



205.1030, 0.4422, -1.8443



128.0000, 0.0000, 0.0000



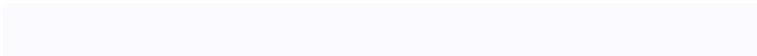
0.0000, 0.0000, 0.0000

Same Dimension

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



203.3420, 1.3104, -0.2999



250.5700, 2.1840, -0.4999



203.9400, 1.0156, 0.9296



100.2280, 0.8736, -0.2000



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



204.2390, 0.8682, 1.5444



252.0650, 1.4470, 2.5740



205.3590, -1.1630, -0.3148



100.8260, 0.5788, 1.0296



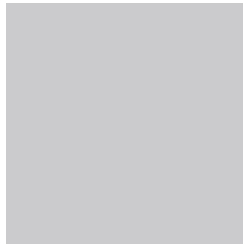
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 203.3420, 1.3104, -0.2999 looks on a white background.

Color Contrast Check

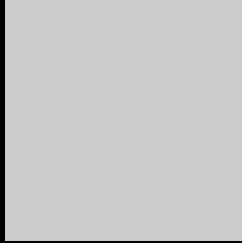
Large Text (above 18pt) WCAG AA × Fail

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 203.3420, 1.3104, -0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

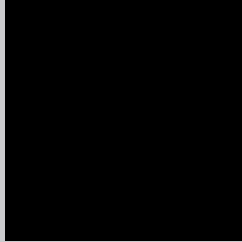
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

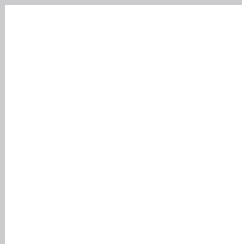
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.3420, 1.3104, -0.2999

Background



This preview shows how black text looks on a background with the YUV color 203.3420, 1.3104, -0.2999.



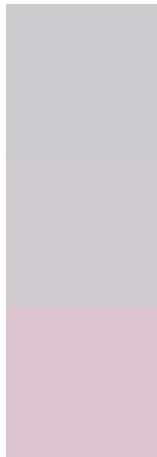
This preview shows how white text looks on a background with the YUV color 203.3420, 1.3104,

-0.2999.

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

203.3420, 1.3104, -0.2999

Protanopia

203.5380, 0.7208, 2.1592

Deuteranopia

205.3160, 0.8302, 13.7549



Tritanopia

204.0200, 6.3991, 0.8595

Trichromacy



Original Color

203.3420, 1.3104, -0.2999

Protanomaly

203.2390, 0.8682, 1.5444

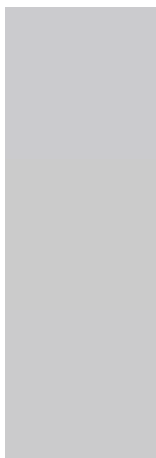
Deuteranomaly

204.3970, 1.2833, 8.4218

Tritanomaly

203.8520, 4.5100, 0.1298

Monochromacy



Original Color

203.3420, 1.3104, -0.2999

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3420, 1.3104, -0.2999 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(203, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 206)  
}
```

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(203, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 206) }
```

Border

The CSS property to change the border of an element to YUV 203.3420, 1.3104, -0.2999 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(203, 203, 206) }
```

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

```
.border{ border-color:rgb(203, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
206) }
```


Background

The CSS property to change the background color of an element to YUV 203.3420, 1.3104, -0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 206) }
```

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

```
.background{ background-color: rgb(203,  
203, 206) }
```

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