

Converting Colors

YUV(203.5120, -3.2104, 3.0590)

Have a look what the booklet for
YUV(203.5120, -3.2104, 3.0590)
contains.

YUV(203.5120, -3.2104, 3.0590)	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(203.5120, -3.2104,
3.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBC5
RGB	207, 203, 197
RGB Percent	81%, 80%, 77%
CMY	0.1882, 0.2039, 0.2275
CMYK	0.00, 0.02, 0.05, 0.19
HSL	36°, 9%, 79%
HSV	36°, 5%, 81%
XYZ	57.1661, 60.0085, 61.3931
YIQ	203.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

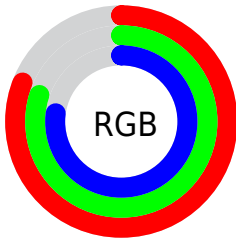
Format	Color
RYB	204, 207, 197
Decimal	13618117
CIELab	81.84, 0.32, 3.47
CIElCh	82, 3.481, 84.730
Yxy	60.0085, 0.3201, 0.3361
Android (android.graphics.Color)	4291808197 (0xFFCFCBC5)
YUV	203.5120, -3.2104, 3.0590
Hunter-Lab	77.4651, -3.8383, 7.2367

Details

The YUV color $203.5120, -3.2104, 3.0590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $200.4880, 3.2104, -3.0590$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $149.5120, -3.2104, 3.0590$ is the 20% darker color. If you saturate the color by 10%, you get $196.4220, -10.0680, 9.2769$, and if you desaturate by 10%, it is $210.6020, 3.6472, -3.1590$.

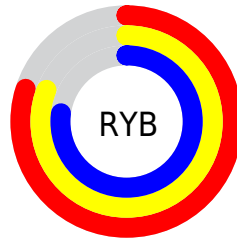
Distribution



Red (81%)

Green (80%)

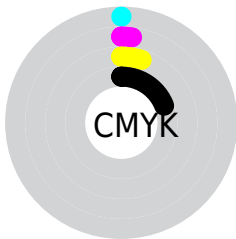
Blue (77%)



Red (80%)

Yellow (81%)

Blue (77%)

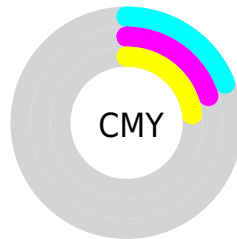


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (19%)



Cyan (19%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5120, -3.2104, 3.0590 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 203.5120, -3.2104, 3.0590 by changing the saturation by 10% instead.

■ 203.5120, -3.2104,
3.0590

■ 203.5120, -3.2104,
3.0590

255.0000, 0.0000,
0.0000

■ 176.2130, -3.0630,
2.4442

254.8860, -0.4368,
0.1000

■ 149.5120, -3.2104,
3.0590

■ 123.6260, -2.7736,
2.9590

■ 98.6260, -2.7736,
2.9590

■ 75.3270, -2.6262,
2.3442

■ 52.3270, -2.6262,
2.3442

■ 31.3270, -2.6262,

2.3442

■ 6.8110, -3.3578,
3.6738

■ 0.0000, 0.0000,
0.0000

■ 203.5120, -3.2104,
3.0590

■ 203.5120, -3.2104,
3.0590

■ 196.4220,
-10.0680, 9.2769

■ 210.6020, 3.6472,
-3.1590

■ 188.8590,
-16.1995, 15.9097

■ 218.1650, 9.7787,
-9.7917

■ 181.7690,
-23.0571, 22.1276

■ 224.7990, 14.8891,
-15.6097

■ 174.6790,
-29.9147, 28.3455

■ 229.4950, 12.5740,
-19.7281

■ 167.7030,
-36.3356, 34.4635

■ 234.1910, 10.2588,
-23.8465

■ 160.0260,
-42.9038, 41.1962

■ 239.4740, 7.6543,
-28.4797

■ 152.9360,
-49.7614, 47.4141

■ 240.6480, 7.0755,
-29.5093

■ 145.8460,
-56.6191, 53.6321

■ 138.2830,
-62.7505, 60.2648

Harmonies

Analogous

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



203.9360, -2.9264, 5.3181



203.5120, -3.2104, 3.0590



203.0170, -2.4734, -0.0149

Triad

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



203.5120, -3.2104, 3.0590



202.4230, 1.7635, -5.6330



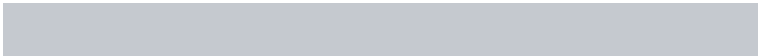
204.0650, 1.4470, 2.5740

Complementary

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



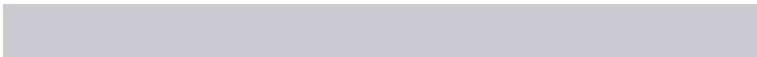
203.5120, -3.2104, 3.0590



200.4880, 3.2104, -3.0590

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.



203.9830, 2.4734, 0.0149



203.5120, -3.2104, 3.0590



203.0640, 2.9264, -5.3181

Square

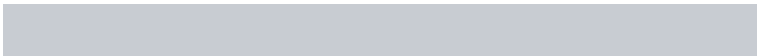
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.5120, -3.2104, 3.0590



202.3800, 0.3057, -4.7183



203.4880, 3.2104, -3.0590



204.0330, -0.0163, 5.2331

Rectangle

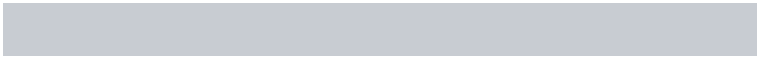
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



203.5120, -3.2104, 3.0590



203.1200, -2.0312, -1.8592



203.4880, 3.2104, -3.0590



203.8800, 2.0312, 1.8592

Sweetspot

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



203.5120, -3.2104, 3.0590



254.0710, -1.0210, 0.8147



200.4460, 0.2731, 5.7479



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000



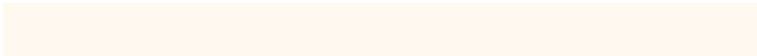
128.0000, 0.0000, 0.0000

Same Dimension

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



203.5120, -3.2104, 3.0590



249.7680, -4.8156, 4.5885



205.5610, -4.2206, 0.3850



102.3270, -2.6262, 2.3442



109.5190, -53.9929, 51.2878



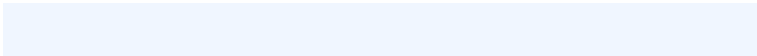
26.3470, -12.9891, 12.8507

Inverse Universe

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



200.4880, 3.2104, -3.0590



245.2320, 4.8156, -4.5885



198.4390, 4.2206, -0.3850



99.6730, 2.6262, -2.3442



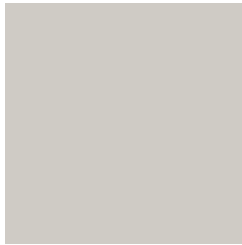
58.4810, 53.9929, -51.2878



14.0660, 13.2785, -12.3359

Previews

White Background



This preview shows how the YUV color 203.5120, -3.2104, 3.0590 looks on a white background.

Color Contrast Check

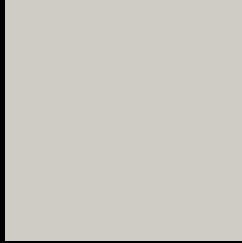
Large Text (above 18pt) WCAG AA × Fail

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 203.5120, -3.2104, 3.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

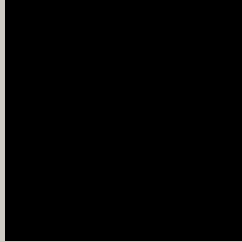
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

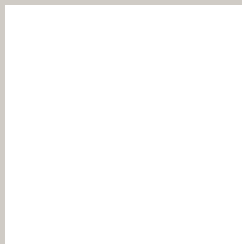
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 203.5120, -3.2104, 3.0590

Background



This preview shows how black text looks on a background with the YUV color 203.5120, -3.2104, 3.0590.



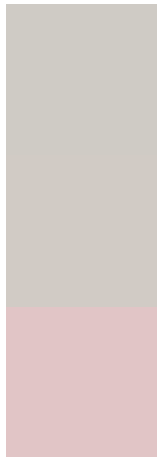
This preview shows how white text looks on a background with the YUV color 203.5120, -3.2104,

3.0590.

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

203.5120, -3.2104, 3.0590

Protanopia

204.1100, -3.5052, 4.2885

Deuteranopia

205.4860, -3.6906, 17.1138



Tritanopia

204.8140, 5.5147, 4.5481

Trichromacy



Original Color

203.5120, -3.2104, 3.0590

Protanomaly

203.8110, -3.3578, 3.6738

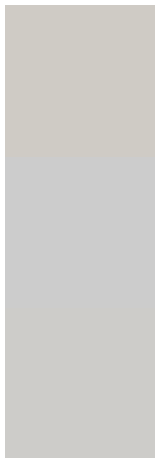
Deuteranomaly

204.5670, -3.2375, 11.7807

Tritanomaly

204.3040, 2.3151, 4.1184

Monochromacy



Original Color

203.5120, -3.2104, 3.0590

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5120, -3.2104, 3.0590 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(207, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 197)  
}
```

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(207, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 197) }
```

Border

The CSS property to change the border of an element to YUV 203.5120, -3.2104, 3.0590 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(207, 203, 197) }
```


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

```
.border{ border-color:rgb(207, 203, 197) }
```

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

Here you see how a box with a 4 pixel rgb(207, 203, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 203.5120, -3.2104, 3.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 197) }
```

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

```
.background{ background-color: rgb(207,  
203, 197) }
```

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