

Converting Colors

YUV(199.3890, 6.7102, -5.6032)

Have a look what the booklet for
YUV(199.3890, 6.7102, -5.6032)
contains.

YUV(199.3890, 6.7102, -5.6032)	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(199.3890, 6.7102,
-5.6032)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C8D5
RGB	193, 200, 213
RGB Percent	76%, 78%, 84%
CMY	0.2431, 0.2157, 0.1647
CMYK	0.09, 0.06, 0.00, 0.16
HSL	219°, 19%, 80%
HSV	219°, 9%, 84%
XYZ	54.6568, 57.4501, 71.1590
YIQ	199.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

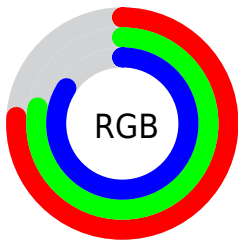
Format	Color
R_{YB}	193, 198, 213
Decimal	12699861
CIE Lab	80.43, 0.13, -7.30
CIE LCh	80, 7.300, 271.040
Yxy	57.4501, 0.2982, 0.3135
Android (android.graphics.Color)	4290889941 (0xFFC1C8D5)
YUV	199.3890, 6.7102, -5.6032
Hunter-Lab	75.7958, -3.9253, -2.6058

Details

The YUV color $199.3890, 6.7102, -5.6032$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.6110, -6.7102, 5.6032$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, 0.8844, -3.6887$, and $145.2750, 6.2734, -5.5032$ is the 20% darker color. If you saturate the color by 10%, you get $184.8920, 13.8572, -11.3063$, and if you desaturate by 10%, it is $213.8860, -0.4368, 0.1000$.

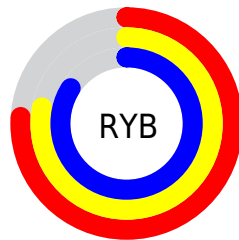
Distribution



Red (76%)

Green (78%)

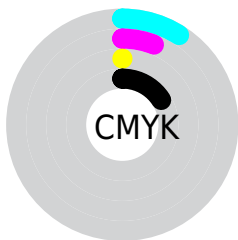
Blue (84%)



Red (76%)

Yellow (78%)

Blue (84%)

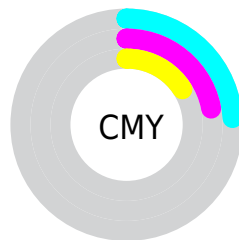


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3890, 6.7102, -5.6032 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 199.3890, 6.7102, -5.6032 by changing the saturation by 10% instead.

■ 199.3890, 6.7102,
-5.6032

■ 199.3890, 6.7102,
-5.6032

255.0000, 0.0000,
0.0000

■ 172.2750, 6.2734,
-5.5032

■ 253.2060, 0.8844,
-3.6887

■ 145.2750, 6.2734,
-5.5032

■ 119.5740, 6.1260,
-4.8884

■ 95.1610, 5.8366,
-5.4032

■ 71.4600, 5.6892,
-4.7884

■ 49.0470, 5.3998,
-5.3032

■ 28.2320, 4.8156,

-4.5885

■ 3.2260, 7.2836,
-2.8292

■ 0.0000, 0.0000,
0.0000

■ 199.3890, 6.7102,
-5.6032

■ 199.3890, 6.7102,
-5.6032

■ 184.8920, 13.8572,
-11.3063

■ 213.8860, -0.4368,
0.1000

■ 170.0960, 21.1517,
-17.6242

■ 228.6820, -7.7312,
6.4179

■ 155.5990, 28.2987,
-23.3273

■ 242.5810,
-14.5834, 10.8915

■ 141.6890, 35.1563,
-29.5453

■ 250.2120,
-18.3455, 4.1991

■ 127.1920, 42.3033,
-35.2484

■ 112.3960, 49.5978,
-41.5663

■ 97.8990, 56.7448,
-47.2694

■ 83.4020, 63.8918,
-52.9726

■ 68.6060, 71.1862,
-59.2905

Harmonies

Analogous

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



198.2420, 6.2897, -10.7362



199.3890, 6.7102, -5.6032



200.3790, 5.2362, 0.5446

Triad

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



199.3890, 6.7102, -5.6032



200.7520, -3.8217, 12.4955



197.9730, -2.4517, -6.9923

Complementary

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



199.3890, 6.7102, -5.6032



206.6110, -6.7102, 5.6032

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.



198.3220, -5.0887, -1.1594



199.3890, 6.7102, -5.6032



200.1600, -5.9949, 9.5067

Square

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



199.3890, 6.7102, -5.6032



201.2510, -0.6167, 11.1809



199.3120, -6.5628, 4.9884



197.5640, 1.2009, -11.8956

Rectangle

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



199.3890, 6.7102, -5.6032



200.6570, 3.6201, 5.5628



199.3120, -6.5628, 4.9884



197.7560, -3.3307, -5.0480

Sweetspot

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



199.3890, 6.7102, -5.6032



249.6730, 2.6262, -2.3442



206.2220, -0.1094, -11.5957



123.8580, 2.0420, -1.6295



0.0000, 0.0000, 0.0000



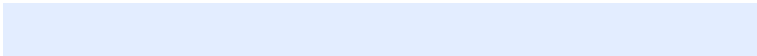
128.0000, 0.0000, 0.0000

Same Dimension

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



199.3890, 6.7102, -5.6032



236.0620, 9.3364, -7.9474



196.1770, 8.2937, -0.1552



99.6020, 3.6472, -3.1590



54.7140, 57.3290, -47.9842



13.7070, 14.4414, -12.0210

Inverse Universe

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



199.7780, 0.1094, 11.5957



236.5120, 0.2406, 16.2140



209.8230, -8.2937, 0.1552



99.7450, 0.1257, 6.3626



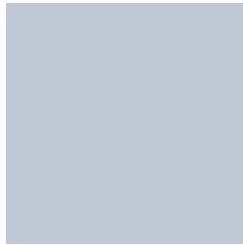
57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 199.3890, 6.7102, -5.6032 looks on a white background.

Color Contrast Check

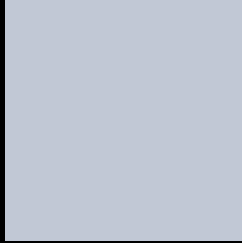
Large Text (above 18pt) WCAG AA × Fail

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 199.3890, 6.7102, -5.6032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

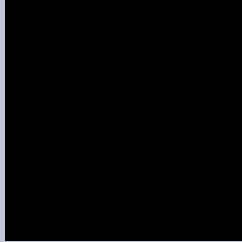
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.3890, 6.7102, -5.6032

Background



This preview shows how black text looks on a background with the YUV color 199.3890, 6.7102, -5.6032.



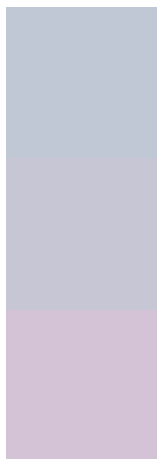
This preview shows how white text looks on a background with the YUV color 199.3890, 6.7102, -5.6032.

-5.6032.

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

199.3890, 6.7102, -5.6032

Protanopia

199.8950, 5.9678, -0.7849

Deuteranopia

201.6620, 6.0826, 9.0664



Tritanopia

199.6170, 7.5838, -5.8031

Trichromacy



Original Color

199.3890, 6.7102, -5.6032

Protanomaly

199.8840, 5.9732, -2.5293

Deuteranomaly

200.7430, 6.5357, 3.7334

Tritanomaly

199.5030, 7.1470, -5.7031

Monochromacy



Original Color

199.3890, 6.7102, -5.6032

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3890, 6.7102, -5.6032 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(193, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 213)  
}
```

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(193, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 213) }
```

Border

The CSS property to change the border of an element to YUV 199.3890, 6.7102, -5.6032 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(193, 200, 213) }
```


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

```
.border{ border-color:rgb(193, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 199.3890, 6.7102, -5.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 213) }
```

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

```
.background{ background-color: rgb(193,  
200, 213) }
```

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