

Converting Colors

YUV(207.8510, 5.9895, -7.7623)

Have a look what the booklet for
YUV(207.8510, 5.9895, -7.7623)
contains.

YUV(207.8510, 5.9895, -7.7623)	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(207.8510, 5.9895,
-7.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D2DC
RGB	199, 210, 220
RGB Percent	78%, 82%, 86%
CMY	0.2196, 0.1765, 0.1373
CMYK	0.10, 0.05, 0.00, 0.14
HSL	209°, 23%, 82%
HSV	209°, 10%, 86%
XYZ	59.5180, 63.4026, 76.8111
YIQ	207.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

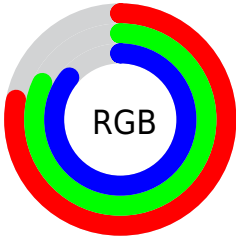
Format	Color
RYB	199, 206, 220
Decimal	13095644
CIELab	83.65, -1.78, -6.22
CIELCh	84, 6.472, 254.076
Yxy	63.4026, 0.2980, 0.3174
Android (android.graphics.Color)	4291285724 (0xFFC7D2DC)
YUV	207.8510, 5.9895, -7.7623
Hunter-Lab	79.6258, -5.9213, -1.4562

Details

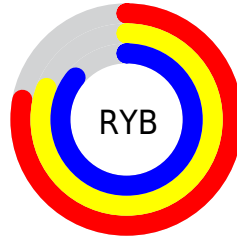
The YUV color $207.8510, 5.9895, -7.7623$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.1490, -5.9895, 7.7623$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $153.7370, 5.5527, -7.6623$ is the 20% darker color. If you saturate the color by 10%, you get $195.4030, 12.1263, -16.1394$, and if you desaturate by 10%, it is $220.2990, -0.1474, 0.6148$.

Distribution



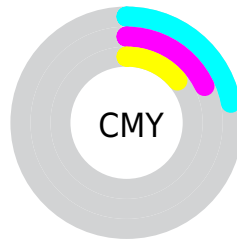
- Red (78%)
- Green (82%)
- Blue (86%)



- Red (78%)
- Yellow (81%)
- Blue (86%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.8510, 5.9895, -7.7623 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 207.8510, 5.9895, -7.7623 by changing the saturation by 10% instead.

■ 207.8510, 5.9895,
-7.7623

■ 207.8510, 5.9895,
-7.7623

255.0000, 0.0000,
0.0000

■ 180.1500, 5.8420,
-7.1476

■ 153.7370, 5.5527,
-7.6623

■ 127.7370, 5.5527,
-7.6623

■ 102.0360, 5.4053,
-7.0476

■ 78.3350, 5.2578,
-6.4328

■ 55.8080, 4.5317,
-6.8476

■ 34.1070, 4.3842,

-6.2328

■ 12.0250, 5.4107,
-8.7919

■ 0.0000, 0.0000,
0.0000

■ 207.8510, 5.9895,
-7.7623

■ 207.8510, 5.9895,
-7.7623

■ 195.4030, 12.1263,
-16.1394

■ 220.2990, -0.1474,
0.6148

■ 182.3680, 18.5526,
-24.0017

■ 233.3340, -6.5737,
8.4771

■ 169.9200, 24.6894,
-32.3788

■ 242.7920,
-11.2365, 10.7064

■ 156.8850, 31.1157,
-40.2411

■ 249.2490,
-14.4198, 5.0436

■ 144.4370, 37.2526,
-48.6182

■ 251.0100,
-15.2879, 3.4992

■ 131.4020, 43.6788,
-56.4806

■ 118.9540, 49.8157,
-64.8577

■ 105.9190, 56.2419,
-72.7200

■ 93.4710, 62.3788,
-81.0971

Harmonies

Analogous

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



207.4870, 4.6899, -10.9511



207.8510, 5.9895, -7.7623



208.7700, 5.5364, -2.4293

Triad

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



207.8510, 5.9895, -7.7623



210.1970, -2.0691, 10.3512



207.3540, -3.6255, -3.8185

Complementary

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



207.8510, 5.9895, -7.7623



211.1490, -5.9895, 7.7623

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.



208.2300, -5.5364, 2.4293



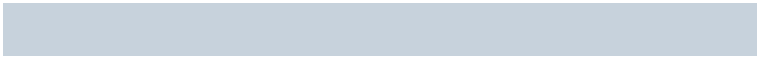
207.8510, 5.9895, -7.7623



209.2140, -4.5425, 10.3363

Square

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



207.8510, 5.9895, -7.7623



209.9840, 0.9939, 7.9070



208.8500, -5.8420, 7.1476



206.7170, -0.8465, -8.5218

Rectangle

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



207.8510, 5.9895, -7.7623



209.5640, 4.6519, 1.2594



208.8500, -5.8420, 7.1476



207.4360, -4.6519, -1.2594

Sweetspot

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



207.8510, 5.9895, -7.7623



250.2600, 2.3368, -2.8590



212.4670, -1.7092, -11.8106



124.4450, 1.7526, -2.1443



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.



207.8510, 5.9895, -7.7623



238.9970, 7.8895, -10.5214



201.9810, 8.8834, -2.6143



103.1890, 3.3578, -3.6738



73.1390, 49.2315, -64.1429



19.3320, 13.1473, -16.9542

Inverse Universe

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



206.5330, 1.7092, 11.8106



237.0820, 2.4246, 15.7141



217.0190, -8.8834, 2.6143



102.8590, 0.5625, 6.2627



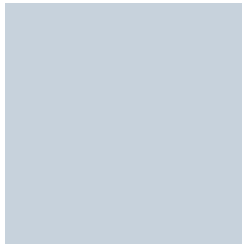
62.1010, 14.2472, 97.2584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 207.8510, 5.9895, -7.7623 looks on a white background.

Color Contrast Check

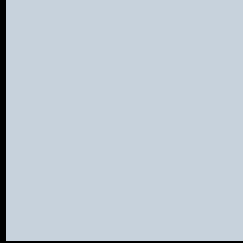
Large Text (above 18pt) WCAG AA × Fail

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 207.8510, 5.9895, -7.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

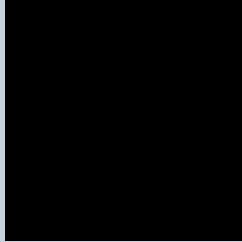
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

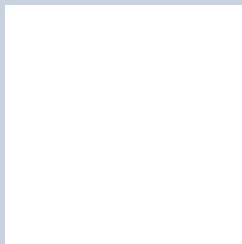
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 207.8510, 5.9895, -7.7623

Background



This preview shows how black text looks on a background with the YUV color 207.8510, 5.9895, -7.7623.



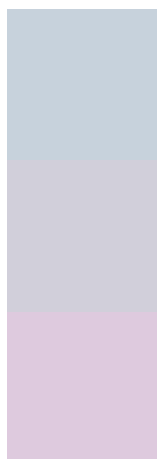
This preview shows how white text looks on a background with the YUV color 207.8510, 5.9895,

-7.7623.

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

207.8510, 5.9895, -7.7623

Protanopia

208.8520, 4.5100, 0.1298

Deuteranopia

210.2600, 5.7878, 10.2960



Tritanopia

208.2470, 8.7522, -7.2326

Trichromacy



Original Color

207.8510, 5.9895, -7.7623

Protanomaly

208.3570, 5.2470, -2.9441

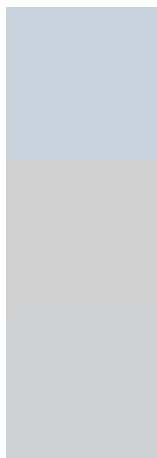
Deuteranomaly

209.5150, 5.6621, 3.9333

Tritanomaly

208.0190, 7.8786, -7.0327

Monochromacy



Original Color

207.8510, 5.9895, -7.7623

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.8510, 5.9895, -7.7623 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, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 220)  
}
```

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, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 220) }
```

Border

The CSS property to change the border of an element to YUV 207.8510, 5.9895, -7.7623 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, 210, 220) }
```


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

```
.border{ border-color:rgb(199, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 207.8510, 5.9895, -7.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 210, 220) }
```

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

```
.background{ background-color: rgb(199,  
210, 220) }
```

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