

Converting Colors

YUV(196.0310, 2.9427,
-10.5512)

Have a look what the booklet for
YUV(196.0310, 2.9427, -10.5512)
contains.

YUV(196.0310, 2.9427, -10.5512)	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(196.0310, 2.9427,
-10.5512)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C9CA
RGB	184, 201, 202
RGB Percent	72%, 79%, 79%
CMY	0.2784, 0.2118, 0.2078
CMYK	0.09, 0.00, 0.00, 0.21
HSL	183°, 15%, 76%
HSV	183°, 9%, 79%
XYZ	51.3145, 56.2279, 64.0256
YIQ	196.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

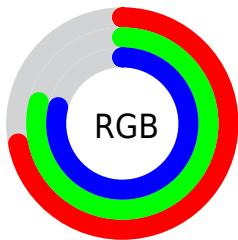
Format	Color
RYB	184, 193, 202
Decimal	12110282
CIELab	79.74, -5.55, -2.48
CIELCh	80, 6.082, 204.081
Yxy	56.2279, 0.2991, 0.3277
Android (android.graphics.Color)	4290300362 (0xFFB8C9CA)
YUV	196.0310, 2.9427, -10.5512
Hunter-Lab	74.9853, -9.0718, 1.8654

Details

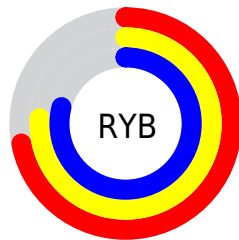
The YUV color $196.0310, 2.9427, -10.5512$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $189.9690, -2.9427, 10.5512$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, 2.2111, -9.2217$, and $142.3300, 2.7953, -9.9364$ is the 20% darker color. If you saturate the color by 10%, you get $189.4640, 6.1802, -22.3319$, and if you desaturate by 10%, it is $202.5980, -0.2948, 1.2296$.

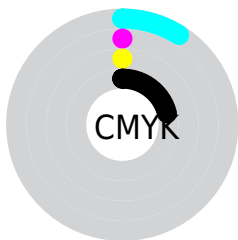
Distribution



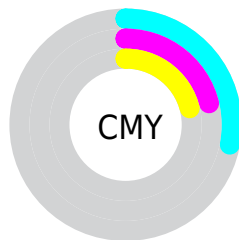
- Red (72%)
- Green (79%)
- Blue (79%)



- Red (72%)
- Yellow (76%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.0310, 2.9427, -10.5512 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 196.0310, 2.9427, -10.5512 by changing the saturation by 10% instead.

■ 196.0310, 2.9427,
-10.5512

■ 196.0310, 2.9427,
-10.5512

255.0000, 0.0000,
0.0000

■ 169.0310, 2.9427,
-10.5512

■ 250.5150, 2.2111,
-9.2217

■ 142.3300, 2.7953,
-9.9364

■ 116.6290, 2.6479,
-9.3216

■ 92.2160, 2.3585,
-9.8364

■ 68.6290, 2.6479,
-9.3216

■ 45.9280, 2.5005,
-8.7069

■ 25.2270, 2.3531,

-8.0921

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 196.0310, 2.9427,
-10.5512

■ 196.0310, 2.9427,
-10.5512

■ 189.4640, 6.1802,
-22.3319

■ 202.5980, -0.2948,
1.2296

■ 182.8970, 9.4178,
-34.1127

■ 209.1650, -3.5323,
13.0103

■ 176.0310, 12.8027,
-46.5082

■ 216.0310, -6.9173,
25.4058

■ 169.4640, 16.0402,
-58.2889

■ 219.6080, -8.6807,
31.0388

■ 162.3100, 19.5672,
-69.5549

■ 220.7820, -9.2595,
30.0092

■ 155.7430, 22.8047,
-81.3356

■ 221.3690, -9.5489,
29.4944

■ 149.1760, 26.0422,
-93.1164

■ 221.9560, -9.8383,
28.9796

■ 142.3100, 29.4272,
-105.5119

■ 222.5430,
-10.1277, 28.4648

■ 135.7430, 32.6647,
-117.2926

■ 223.1300,
-10.4171, 27.9500

Harmonies

Analogous

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



195.9450, 0.0271, -8.7218



196.0310, 2.9427, -10.5512



196.6120, 5.1213, -9.3067

Triad

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



196.0310, 2.9427, -10.5512



198.7170, 2.6045, 4.6332



197.8390, -5.8366, 5.4032

Complementary

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



196.0310, 2.9427, -10.5512



189.9690, -2.9427, 10.5512

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.



198.2030, -4.5371, 8.5920



196.0310, 2.9427, -10.5512



199.0550, -0.0271, 8.7218

Square

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



196.0310, 2.9427, -10.5512



198.5530, 4.6574, -0.4850



198.6700, -2.7953, 9.9364



197.0340, -4.9468, -0.0298

Rectangle

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



196.0310, 2.9427, -10.5512



197.0360, 5.4053, -7.0476



198.6700, -2.7953, 9.9364



197.9640, -5.4053, 7.0476

Sweetspot

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



196.0310, 2.9427, -10.5512



252.6080, 1.1793, -4.9182



194.6800, -4.7722, -9.3664



125.6190, 1.1738, -3.1739



0.0000, 0.0000, 0.0000



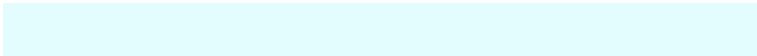
128.0000, 0.0000, 0.0000

Same Dimension

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



196.0310, 2.9427, -10.5512



245.4540, 4.7062, -16.1842



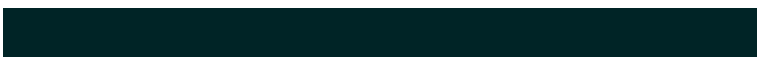
190.7480, 5.5472, -5.9180



98.4230, 1.7635, -5.6330



111.0830, 27.0741, -97.4198



25.4640, 6.1802, -22.3319

Inverse Universe

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



191.3200, 4.7722, 9.3664



238.3360, 7.2294, 14.6143



195.2520, -5.5472, 5.9180



96.0160, 2.4571, 5.2480



67.5320, 44.1077, 86.3564



15.4660, 10.1233, 19.7623

Previews

White Background



This preview shows how the YUV color 196.0310, 2.9427, -10.5512 looks on a white background.

Color Contrast Check

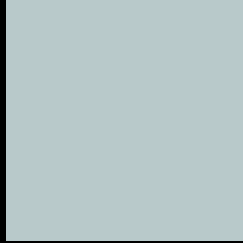
Large Text (above 18pt) WCAG AA × Fail

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 196.0310, 2.9427, -10.5512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

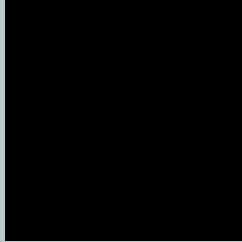
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

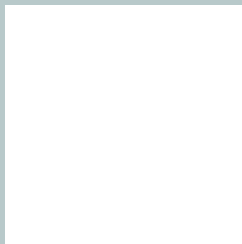
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.0310, 2.9427, -10.5512

Background



This preview shows how black text looks on a background with the YUV color 196.0310, 2.9427, -10.5512.



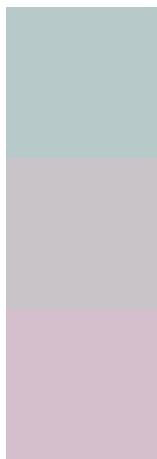
This preview shows how white text looks on a background with the YUV color 196.0310, 2.9427, -10.5512.

-10.5512.

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

196.0310, 2.9427, -10.5512

Protanopia

197.5380, 0.7208, 2.1592

Deuteranopia

199.0600, 2.4354, 12.2254



Tritanopia

196.9370, 8.9051, -9.5917

Trichromacy



Original Color

196.0310, 2.9427, -10.5512

Protanomaly

197.0320, 1.4632, -2.6591

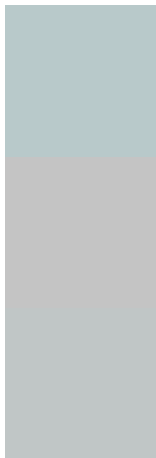
Deuteranomaly

198.0050, 2.4625, 3.5036

Tritanomaly

196.6550, 6.5791, -10.2214

Monochromacy



Original Color

196.0310, 2.9427, -10.5512

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2060, 0.8844, -3.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0310, 2.9427, -10.5512 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(184, 201, 202)` looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 202)  
}
```

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(184, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 202) }
```

Border

The CSS property to change the border of an element to YUV 196.0310, 2.9427, -10.5512 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(184, 201, 202) }
```


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

```
.border{ border-color:rgb(184, 201, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 201, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 196.0310, 2.9427, -10.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 202) }
```

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

```
.background{ background-color: rgb(184,  
201, 202) }
```

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