

Converting Colors

YUV(203.3460, -11.5096,
4.9586)

Have a look what the booklet for
YUV(203.3460, -11.5096, 4.9586)
contains.

YUV(203.3460, -11.5096, 4.9586)	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(203.3460, -11.5096,
4.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CDB4
RGB	209, 205, 180
RGB Percent	82%, 80%, 71%
CMY	0.1804, 0.1961, 0.2941
CMYK	0.00, 0.02, 0.14, 0.18
HSL	52°, 24%, 76%
HSV	52°, 14%, 82%
XYZ	56.3640, 60.5132, 51.8895
YIQ	203.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

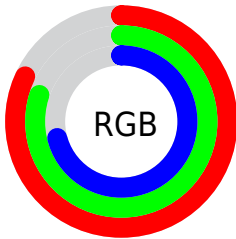
Format	Color
RYB	185, 209, 180
Decimal	13749684
CIELab	82.12, -2.84, 12.95
CIELCh	82, 13.255, 102.384
Yxy	60.5132, 0.3340, 0.3586
Android (android.graphics.Color)	4291939764 (0xFFD1CDB4)
YUV	203.3460, -11.5096, 4.9586
Hunter-Lab	77.7903, -6.7982, 14.9041

Details

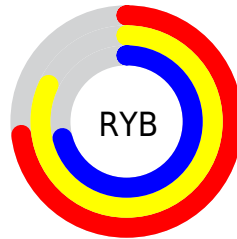
The YUV color $203.3460, -11.5096, 4.9586$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $185.6540, 11.5096, -4.9586$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $149.1610, -10.9254, 4.2438$ is the 20% darker color. If you saturate the color by 10%, you get $199.1910, -19.8142, 8.6025$, and if you desaturate by 10%, it is $207.5010, -3.2050, 1.3146$.

Distribution



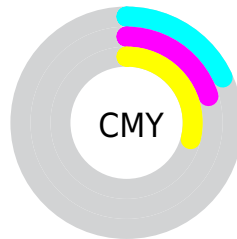
- Red (82%)
- Green (80%)
- Blue (71%)



- Red (73%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3460, -11.5096, 4.9586 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 203.3460, -11.5096, 4.9586 by changing the saturation by 10% instead.

■ 203.3460,
-11.5096, 4.9586

■ 203.3460,
-11.5096, 4.9586

255.0000, 0.0000,
0.0000

■ 176.0470,
-11.3622, 4.3438

■ 252.8340, -8.2992,
1.8996

■ 149.1610,
-10.9254, 4.2438

■ 123.2750,
-10.4886, 4.1438

■ 98.3890, -10.0518,
4.0438

■ 74.5030, -9.6150,
3.9439

■ 52.3180, -9.0308,
3.2291

■ 30.3180, -9.0308,

3.2291

■ 7.3650, -3.6309,
-2.0741

■ 0.0000, 0.0000,
0.0000

■ 203.3460,
-11.5096, 4.9586

■ 203.3460,
-11.5096, 4.9586

■ 199.1910,
-19.8142, 8.6025

■ 207.5010, -3.2050,
1.3146

■ 195.0360,
-28.1187, 12.2464

■ 211.6560, 5.0996,
-2.3293

■ 190.8810,
-36.4233, 15.8904

■ 215.8110, 13.4042,
-5.9732

■ 186.7260,
-44.7279, 19.5343

■ 218.9400, 17.7776,
-8.7174

■ 183.2720,
-52.8851, 22.5635

■ 220.1140, 17.1988,
-9.7470

■ 179.1170,
-61.1897, 26.2074

■ 221.8750, 16.3306,
-11.2914

■ 174.9620,
-69.4943, 29.8513

■ 223.6360, 15.4625,
-12.8358

■ 170.8070,
-77.7989, 33.4953

■ 225.3970, 14.5943,
-14.3802

■ 168.1510,
-82.8984, 35.8246

■ 227.1580, 13.7261,
-15.9246

Harmonies

Analogous

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



204.9990, -11.8315, 14.9099



203.3460, -11.5096, 4.9586



202.1920, -7.9827, -6.3074

Triad

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



203.3460, -11.5096, 4.9586



200.3760, 9.6746, -23.1318



207.0820, 2.4246, 15.7141

Complementary

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



203.3460, -11.5096, 4.9586



185.6540, 11.5096, -4.9586

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.



205.9220, 8.4195, 6.2074



203.3460, -11.5096, 4.9586



202.8050, 12.4211, -17.3690

Square

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



203.3460, -11.5096, 4.9586



200.2960, 4.2911, -23.0616



204.9420, 11.3676, -6.0881



206.8070, -3.8489, 21.2173

Rectangle

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



203.3460, -11.5096, 4.9586



200.7720, -4.3246, -12.9550



204.9420, 11.3676, -6.0881



206.6410, 4.6140, 13.4698

Sweetspot

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



203.3460, -11.5096, 4.9586



253.2730, -4.0786, 1.5146



189.1270, -2.5276, 17.4286



126.6150, -2.7682, 1.2146



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.



203.3460, -11.5096, 4.9586



246.5760, -17.0460, 7.3878



202.7040, -11.1931, -3.2484



102.5720, -4.2260, 2.1294



135.3470, -66.7261, 28.6367



32.8040, -16.1724, 7.1879

Inverse Universe

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



185.6540, 11.5096, -4.9586



220.4240, 17.0460, -7.3878



186.2960, 11.1931, 3.2484



96.4280, 4.2260, -2.1294



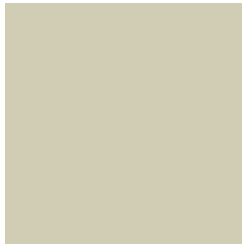
32.6530, 66.7261, -28.6367



8.1960, 16.1724, -7.1879

Previews

White Background



This preview shows how the YUV color 203.3460, -11.5096, 4.9586 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 203.3460, -11.5096, 4.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

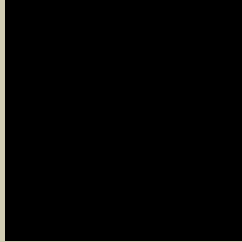
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

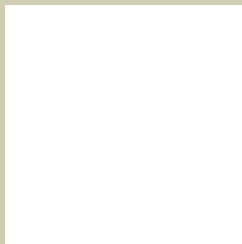
Any Text WCAG AAA ✓ Pass

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

YUV 203.3460, -11.5096, 4.9586 Background



This preview shows how black text looks on a background with the YUV color 203.3460, -11.5096, 4.9586.



This preview shows how white text looks on a background with the YUV color 203.3460, -11.5096,

4.9586.

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

203.3460, -11.5096, 4.9586

Protanopia

204.1400, -12.3940, 8.6472

Deuteranopia

205.7550, -11.7112, 23.0169



Tritanopia

206.0100, 4.9251, 7.0072

Trichromacy



Original Color

203.3460, -11.5096, 4.9586

Protanomaly

203.5420, -12.0992, 7.4177

Deuteranomaly

205.0100, -11.8369, 16.6542

Tritanomaly

205.1040, -1.0373, 6.0478

Monochromacy



Original Color

203.3460, -11.5096, 4.9586

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.2730, -4.0786, 1.5146

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3460, -11.5096, 4.9586 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(209, 205, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 180)  
}
```

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(209, 205, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 180) }
```

Border

The CSS property to change the border of an element to YUV 203.3460, -11.5096, 4.9586 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(209, 205, 180) }
```


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

```
.border{ border-color:rgb(209, 205, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 203.3460, -11.5096, 4.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 180) }
```

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

```
.background{ background-color: rgb(209,  
205, 180) }
```

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