

Converting Colors

YUV(201.9380, 0.5236,
-28.0096)

Have a look what the booklet for
YUV(201.9380, 0.5236, -28.0096)
contains.

YUV(201.9380, 0.5236, -28.0096)	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(201.9380, 0.5236,
-28.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	AADACB
RGB	170, 218, 203
RGB Percent	67%, 85%, 80%
CMY	0.3333, 0.1451, 0.2039
CMYK	0.22, 0.00, 0.07, 0.15
HSL	161°, 39%, 76%
HSV	161°, 22%, 85%
XYZ	52.4285, 63.0007, 65.8970
YIQ	201.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

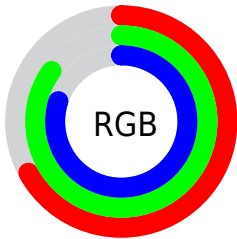
Format	Color
RYB	170, 198, 218
Decimal	11197131
CIELab	83.44, -18.57, 2.28
CIELCh	83, 18.713, 173.003
Yxy	63.0007, 0.2891, 0.3474
Android (android.graphics.Color)	4289387211 (0xFFAADACB)
YUV	201.9380, 0.5236, -28.0096
Hunter-Lab	79.3729, -20.9975, 6.3373

Details

The YUV color $201.9380, 0.5236, -28.0096$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $186.0620, -0.5236, 28.0096$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $147.6500, 0.6656, -26.8800$ is the 20% darker color. If you saturate the color by 10%, you get $194.5620, 0.7089, -40.8349$, and if you desaturate by 10%, it is $209.3140, 0.3382, -15.1844$.

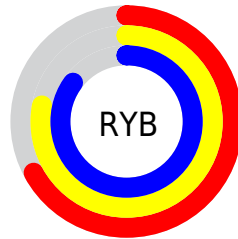
Distribution



Red (67%)

Green (85%)

Blue (80%)



Red (67%)

Yellow (78%)

Blue (85%)

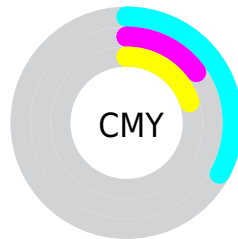


Cyan (22%)

Magenta (0%)

Yellow (7%)

Black (15%)



Cyan (33%)

Magenta (15%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.9380, 0.5236, -28.0096 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 201.9380, 0.5236, -28.0096 by changing the saturation by 10% instead.

■ 201.9380, 0.5236,
-28.0096

■ 201.9380, 0.5236,
-28.0096

255.0000, 0.0000,
0.0000

■ 174.3510, 0.8130,
-27.4948

■ 246.3290, 4.2748,
-17.8285

■ 147.6500, 0.6656,
-26.8800

■ 121.6500, 0.6655,
-26.8801

■ 96.3620, 0.8075,
-25.7505

■ 72.1770, 1.3917,
-26.4652

■ 48.2910, 1.8285,
-26.5652

■ 27.6010, 1.6757,

-24.2061

■ 13.0110, -3.4564,
-11.4106

■ 0.0000, 0.0000,
0.0000

■ 201.9380, 0.5236,
-28.0096

■ 201.9380, 0.5236,
-28.0096

■ 194.5620, 0.7089,
-40.8349

■ 209.3140, 0.3382,
-15.1844

■ 187.1860, 0.8943,
-53.6601

■ 216.6900, 0.1528,
-2.3591

■ 180.2230, 1.3691,
-65.9706

■ 223.6530, -0.3219,
9.9513

■ 172.8470, 1.5544,
-78.7958

■ 230.4310, -0.2125,
21.5470

■ 165.4710, 1.7398,
-91.6211

■ 231.2290, 2.8451,
20.8472

■ 158.0950, 1.9252,
-104.4463

■ 232.0270, 5.9027,
20.1473

■ 150.7190, 2.1105,
-117.2716

■ 232.8250, 8.9603,
19.4475

■ 145.0660, 2.4325,
-127.2229

■ 233.2810, 10.7075,
19.0476

Harmonies

Analogous

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



203.9090, -8.8291, -14.8292



201.9380, 0.5236, -28.0096



201.5980, 9.5652, -34.7274

Triad

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



201.9380, 0.5236, -28.0096



209.2890, 15.1405, -2.8845



209.6800, -14.6322, 26.5906

Complementary

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



201.9380, 0.5236, -28.0096



186.0620, -0.5236, 28.0096

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.



210.5370, -7.6597, 30.2241



201.9380, 0.5236, -28.0096



210.7920, 8.9765, 14.2144

Square

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



201.9380, 0.5236, -28.0096



206.1620, 17.6681, -20.3131



211.3930, 0.7923, 25.9653



207.6310, -17.0731, 16.1096

Rectangle

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



201.9380, 0.5236, -28.0096



202.4500, 14.0752, -34.5976



211.3930, 0.7923, 25.9653



209.9730, -12.3117, 28.9647

Sweetspot

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



201.9380, 0.5236, -28.0096



248.9340, 0.0325, -10.4661



202.6610, -16.1019, -15.4887



124.2550, -0.1257, -6.3626



0.0000, 0.0000, 0.0000



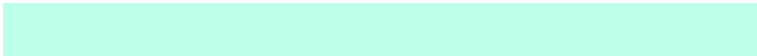
128.0000, 0.0000, 0.0000

Same Dimension

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



201.9380, 0.5236, -28.0096



232.8720, 0.5561, -38.4757



198.3650, 9.6801, -24.8761



106.2550, -0.1257, -6.3626



115.1170, 1.9143, -100.9576



30.6500, 0.6656, -26.8800

Inverse Universe

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



186.0620, -0.5236, 28.0096



211.0140, -0.9929, 38.5757



189.6350, -9.6801, 24.8761



102.6310, -0.3111, 6.4626



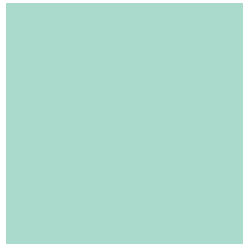
57.8830, -1.9143, 100.9576



15.3500, -0.6655, 26.8800

Previews

White Background



This preview shows how the YUV color 201.9380, 0.5236, -28.0096 looks on a white background.

Color Contrast Check

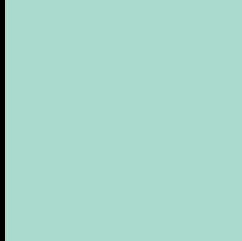
Large Text (above 18pt) WCAG AA × Fail

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 201.9380, 0.5236, -28.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

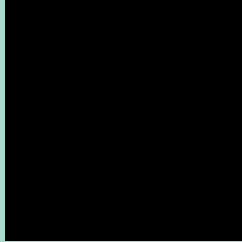
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

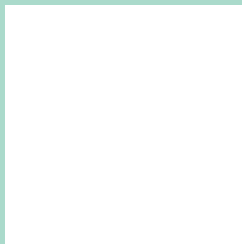
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 201.9380, 0.5236, -28.0096

Background



This preview shows how black text looks on a background with the YUV color 201.9380, 0.5236, -28.0096.



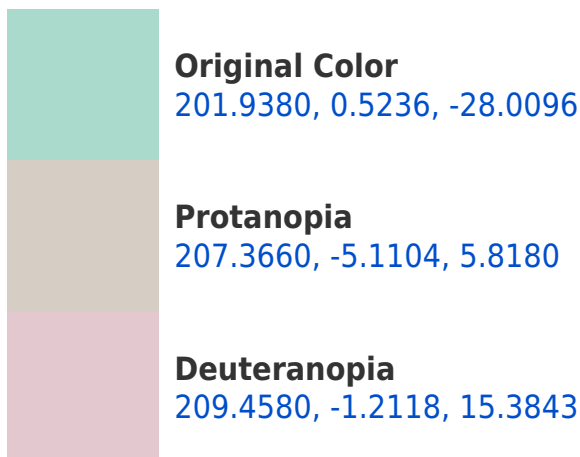
This preview shows how white text looks on a background with the YUV color 201.9380, 0.5236,

-28.0096.

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





Tritanopia

204.2770, 13.1744, -25.6759

Trichromacy



Original Color

201.9380, 0.5236, -28.0096

Protanomaly

205.1580, -3.0359, -6.2776

Deuteranomaly

206.5870, -0.2894, -0.5148

Tritanomaly

203.1260, 8.8119, -26.4205

Monochromacy



Original Color

201.9380, 0.5236, -28.0096

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

201.9340, 0.0325, -10.4661

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.9380, 0.5236, -28.0096 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(170, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 218, 203)  
}
```

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(170, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 218, 203) }
```

Border

The CSS property to change the border of an element to YUV 201.9380, 0.5236, -28.0096 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(170, 218, 203) }
```


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

```
.border{ border-color:rgb(170, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 218,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 201.9380, 0.5236, -28.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 218, 203) }
```

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

```
.background{ background-color: rgb(170,  
218, 203) }
```

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