

Converting Colors

YUV(203.8620, 19.2950,
-28.8200)

Have a look what the booklet for
YUV(203.8620, 19.2950, -28.8200)
contains.

YUV(203.8620, 19.2950, -28.8200)	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(203.8620, 19.2950,
-28.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD5F3
RGB	171, 213, 243
RGB Percent	67%, 84%, 95%
CMY	0.3294, 0.1647, 0.0471
CMYK	0.30, 0.12, 0.00, 0.05
HSL	205°, 75%, 81%
HSV	205°, 30%, 95%
XYZ	56.7665, 62.7175, 93.9078
YIQ	203.8620, -34.6620, 0.4260

Conversions

Conversions Part 2

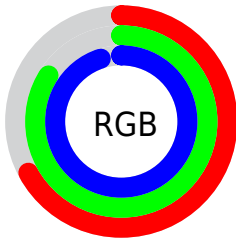
Format	Color
R _Y B	171, 198, 243
Decimal	11261427
CIE Lab	83.29, -6.92, -19.18
CIE LCh	83, 20.389, 250.163
Yxy	62.7175, 0.2660, 0.2939
Android (android.graphics.Color)	4289451507 (0xFFABD5F3)
YUV	203.8620, 19.2950, -28.8200
Hunter-Lab	79.1944, -10.6414, -14.8693

Details

The YUV color **203.8620, 19.2950, -28.8200** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **210.1380, -19.2950, 28.8200**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, 3.9800, -16.5990**, and **149.0470, 18.7108, -28.1052** is the 20% darker color. If you saturate the color by 10%, you get **190.8160, 25.7267, -38.4266**, and if you desaturate by 10%, it is **216.9080, 12.8634, -19.2133**.

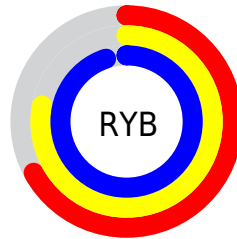
Distribution



Red (67%)

Green (84%)

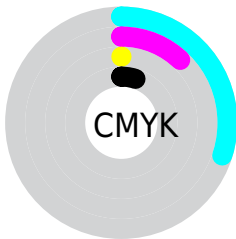
Blue (95%)



Red (67%)

Yellow (78%)

Blue (95%)

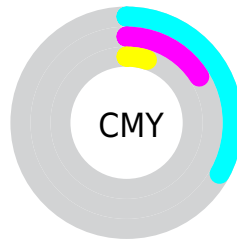


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.8620, 19.2950, -28.8200 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 203.8620, 19.2950, -28.8200 by changing the saturation by 10% instead.

■ 203.8620, 19.2950,
-28.8200

■ 203.8620, 19.2950,
-28.8200

255.0000, 0.0000,
0.0000

■ 176.1610, 19.1476,
-28.2052

■ 246.9270, 3.9800,
-16.5990

■ 149.0470, 18.7108,
-28.1052

■ 122.6340, 18.4214,
-28.6200

■ 97.5200, 17.9846,
-28.5200

■ 72.3950, 17.5533,
-30.1644

■ 45.9920, 18.7379,
-36.8270

■ 29.2600, 15.6478,

-25.6610

■ 15.0120, 11.8261,
-13.1655

■ 2.5250, 7.1362,
-2.2144

■ 203.8620, 19.2950,
-28.8200

■ 203.8620, 19.2950,
-28.8200

■ 190.8160, 25.7267,
-38.4266

■ 216.9080, 12.8634,
-19.2133

■ 177.4710, 32.3058,
-48.6481

■ 230.2530, 6.2843,
-8.9919

■ 164.4250, 38.7375,
-58.2547

■ 243.2990, -0.1474,
0.6148

■ 150.7920, 45.4585,
-67.3466

■ 252.4580, -4.6628,
2.2293

■ 137.4470, 52.0376,
-77.5680

■ 253.6320, -5.2416,
1.1997

■ 124.4010, 58.4693,
-87.1747

■ 111.3550, 64.9010,
-96.7813

■ 111.0560, 65.0484,
-97.3961

Harmonies

Analogous

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



200.6560, 14.9596, -38.2863



203.8620, 19.2950, -28.8200



207.4450, 18.5146, -11.7913

Triad

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



203.8620, 19.2950, -28.8200



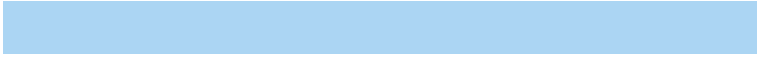
210.7590, -4.3182, 31.7834



203.9160, -12.7766, -8.6963

Complementary

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



203.8620, 19.2950, -28.8200



210.1380, -19.2950, 28.8200

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.



206.0600, -17.7776, 8.7174



203.8620, 19.2950, -28.8200



210.1690, -12.9013, 31.4238

Square

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



203.8620, 19.2950, -28.8200



211.4080, 4.7289, 23.3212



208.1480, -17.8210, 22.6722



201.8090, -3.8498, -25.2655

Rectangle

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



203.8620, 19.2950, -28.8200



209.7240, 15.4191, 1.1191



208.1480, -17.8210, 22.6722



204.3790, -14.9768, -2.9634

Sweetspot

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



203.8620, 19.2950, -28.8200



242.2530, 6.2843, -8.9919



216.6840, -7.7322, -40.0649



119.9930, 3.9475, -6.1329



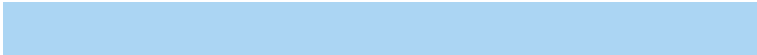
0.0000, 0.0000, 0.0000



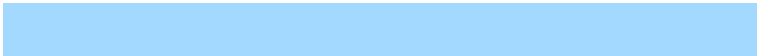
128.0000, 0.0000, 0.0000

Same Dimension

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



203.8620, 19.2950, -28.8200



205.1860, 24.5583, -36.9971



182.7300, 29.7131, -10.2872



115.4770, 3.2158, -4.8033



85.1870, 49.7008, -74.7090



26.6840, 15.9318, -23.4019

Inverse Universe

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



197.3160, 7.7322, 40.0649



196.6640, 10.0256, 51.1607



231.2700, -29.7131, 10.2872



114.3860, 1.2887, 6.6775



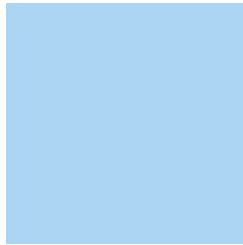
68.0400, 20.1933, 103.4509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 203.8620, 19.2950, -28.8200 looks on a white background.

Color Contrast Check

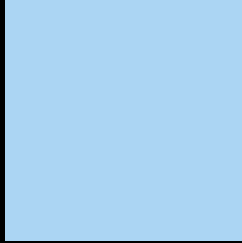
Large Text (above 18pt) WCAG AA × Fail

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 203.8620, 19.2950, -28.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

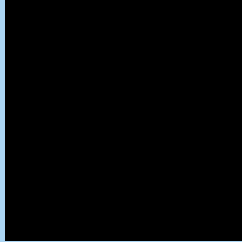
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.8620, 19.2950, -28.8200

Background



This preview shows how black text looks on a background with the YUV color 203.8620, 19.2950, -28.8200.



This preview shows how white text looks on a background with the YUV color 203.8620, 19.2950, -28.8200.

-28.8200.

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

203.8620, 19.2950, -28.8200

Protanopia

207.5660, 15.0040, -5.7584

Deuteranopia

208.6960, 17.8979, -0.6104



Tritanopia

203.1840, 14.2063, -29.9794

Trichromacy



Original Color

203.8620, 19.2950, -28.8200

Protanomaly

206.2660, 16.6309, -14.2653

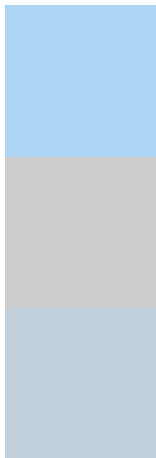
Deuteranomaly

207.0430, 18.2198, -10.5617

Tritanomaly

203.3520, 16.0955, -29.2497

Monochromacy



Original Color

203.8620, 19.2950, -28.8200

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8620, 19.2950, -28.8200 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(171, 213, 243)` looks like.

```
.text, #text, p{  
    color:rgb(171, 213, 243)  
}
```

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(171, 213, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 213, 243) }
```

Border

The CSS property to change the border of an element to YUV 203.8620, 19.2950, -28.8200 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(171, 213, 243) }
```


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

```
.border{ border-color:rgb(171, 213, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 213, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 213, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 213, 243);  
box-shadow:4px 4px 4px 4px rgb(171, 213,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 203.8620, 19.2950, -28.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 213, 243) }
```

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

```
.background{ background-color: rgb(171,  
213, 243) }
```

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