

Converting Colors

YUV(199.3260, 12.1643,
-28.3499)

Have a look what the booklet for
YUV(199.3260, 12.1643, -28.3499)
contains.

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Color

**YUV(199.3260, 12.1643,
-28.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D3E0
RGB	167, 211, 224
RGB Percent	65%, 83%, 88%
CMY	0.3451, 0.1725, 0.1216
CMYK	0.25, 0.06, 0.00, 0.12
HSL	194°, 48%, 77%
HSV	194°, 25%, 88%
XYZ	52.6852, 60.1858, 79.3612
YIQ	199.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

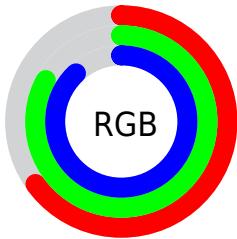
Format	Color
R _{YB}	167, 192, 224
Decimal	10998752
CIE Lab	81.94, -11.42, -11.13
CIE LCh	82, 15.949, 224.249
Yxy	60.1858, 0.2741, 0.3131
Android (android.graphics.Color)	4289188832 (0xFFA7D3E0)
YUV	199.3260, 12.1643, -28.3499
Hunter-Lab	77.5795, -14.5428, -6.3460

Details

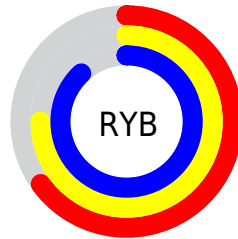
The YUV color $199.3260, 12.1643, -28.3499$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.6740, -12.1643, 28.3499$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $144.9240, 11.8695, -27.1203$ is the 20% darker color. If you saturate the color by 10%, you get $189.8130, 16.8542, -39.3010$, and if you desaturate by 10%, it is $208.8390, 7.4744, -17.3988$.

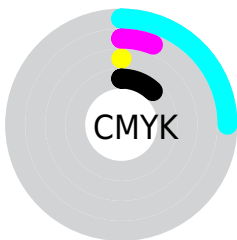
Distribution



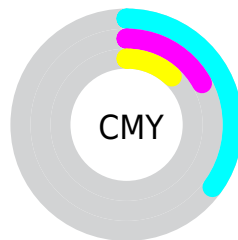
- Red (65%)
- Green (83%)
- Blue (88%)



- Red (65%)
- Yellow (75%)
- Blue (88%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3260, 12.1643, -28.3499 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 199.3260, 12.1643, -28.3499 by changing the saturation by 10% instead.

■ 199.3260, 12.1643,
-28.3499

■ 199.3260, 12.1643,
-28.3499

255.0000, 0.0000,
0.0000

■ 171.6250, 12.0169,
-27.7351

■ 245.4320, 4.7170,
-19.6729

■ 144.9240, 11.8695,
-27.1203

■ 254.1030, 0.4422,
-1.8443

■ 118.8100, 11.4327,
-27.0204

■ 93.8100, 11.4327,
-27.0204

■ 69.0980, 11.2907,
-28.1499

■ 44.3040, 12.1751,
-31.8386

■ 26.3760, 9.6746,

-23.1318

■ 11.1820, 7.3053,
-9.8066

■ 0.0000, 0.0000,
0.0000

■ 199.3260, 12.1643,
-28.3499

■ 199.3260, 12.1643,
-28.3499

■ 189.8130, 16.8542,
-39.3010

■ 208.8390, 7.4744,
-17.3988

■ 180.0010, 21.6915,
-50.8669

■ 218.6510, 2.6371,
-5.8329

■ 170.4880, 26.3814,
-61.8180

■ 228.1640, -2.0529,
5.1182

■ 160.6760, 31.2187,
-73.3839

■ 237.3780, -6.5954,
15.4545

■ 150.5760, 36.1980,
-83.8202

■ 240.9000, -8.3317,
12.3657

■ 141.0630, 40.8879,
-94.7713

■ 243.8350, -9.7787,
9.7917

■ 131.2510, 45.7253,
-106.3371

■ 246.7700,
-11.2256, 7.2177

■ 127.0870, 47.7781,
-111.4553

■ 249.7050,
-12.6726, 4.6437

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



198.6050, 5.6177, -28.5946



199.3260, 12.1643, -28.3499



201.1790, 15.1948, -20.3280

Triad

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



199.3260, 12.1643, -28.3499



206.5170, 2.7031, 19.7176



202.4770, -13.5462, 4.8437

Complementary

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



199.3260, 12.1643, -28.3499



191.6740, -12.1643, 28.3499

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.



204.0270, -14.3103, 16.6393



199.3260, 12.1643, -28.3499



206.9000, -4.8807, 25.5207

Square

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



199.3260, 12.1643, -28.3499



206.1610, 9.2876, 7.7518



205.5810, -11.1324, 24.0465



200.5400, -9.1402, -8.3666

Rectangle

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



199.3260, 12.1643, -28.3499



203.1200, 14.7308, -11.5062



205.5810, -11.1324, 24.0465



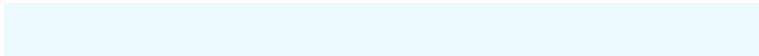
202.9830, -14.2886, 9.6619

Sweetspot

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



199.3260, 12.1643, -28.3499



246.0850, 4.3951, -9.7215



201.8270, -11.2537, -30.5433



122.3520, 2.7845, -6.4477



0.0000, 0.0000, 0.0000



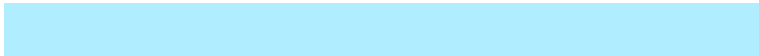
128.0000, 0.0000, 0.0000

Same Dimension

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



199.3260, 12.1643, -28.3499



220.8130, 16.8542, -39.3010



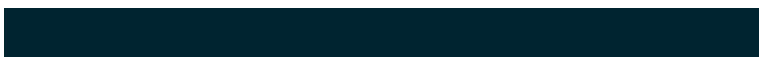
182.8900, 20.2672, -13.9355



107.5370, 2.2003, -5.7329



99.8960, 37.5193, -87.6088



27.1910, 10.2588, -23.8465

Inverse Universe

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



189.0590, 10.8169, 30.6433



206.5750, 14.9995, 42.4687



208.1100, -20.2672, 13.9355



105.3150, 2.3097, 5.8627



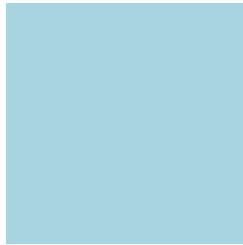
68.1280, 33.4609, 94.6037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 199.3260, 12.1643, -28.3499 looks on a white background.

Color Contrast Check

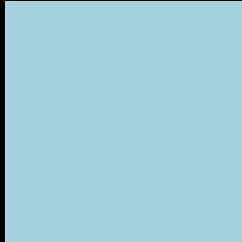
Large Text (above 18pt) WCAG AA × Fail

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 199.3260, 12.1643, -28.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

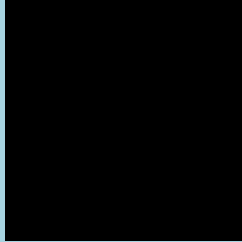
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.3260, 12.1643, -28.3499

Background



This preview shows how black text looks on a background with the YUV color 199.3260, 12.1643, -28.3499.



This preview shows how white text looks on a background with the YUV color 199.3260, 12.1643, -28.3499.

-28.3499.

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

199.3260, 12.1643, -28.3499

Protanopia

203.8240, 6.9888, -1.5996

Deuteranopia

205.4920, 10.6034, 5.7075



Tritanopia

199.3800, 13.6167, -27.5203

Trichromacy



Original Color

199.3260, 12.1643, -28.3499

Protanomaly

201.9260, 8.9105, -11.3361

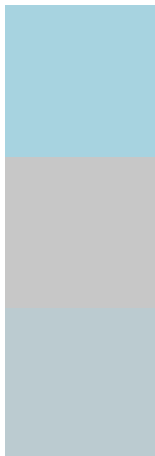
Deuteranomaly

203.5290, 11.0782, -6.6029

Tritanomaly

199.2660, 13.1799, -27.4203

Monochromacy



Original Color

199.3260, 12.1643, -28.3499

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.7860, 4.5425, -10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3260, 12.1643, -28.3499 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(167, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 211, 224)  
}
```

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(167, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 211, 224) }
```

Border

The CSS property to change the border of an element to YUV 199.3260, 12.1643, -28.3499 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(167, 211, 224) }
```


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

```
.border{ border-color:rgb(167, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 211,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 199.3260, 12.1643, -28.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 211, 224) }
```

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

```
.background{ background-color: rgb(167,  
211, 224) }
```

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](#).

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