

Converting Colors

YUV(195.4320, 21.4790,
-29.3199)

Have a look what the booklet for
YUV(195.4320, 21.4790, -29.3199)
contains.

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Color

**YUV(195.4320, 21.4790,
-29.3199)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CCEF
RGB	162, 204, 239
RGB Percent	64%, 80%, 94%
CMY	0.3647, 0.2000, 0.0627
CMYK	0.32, 0.15, 0.00, 0.06
HSL	207°, 71%, 79%
HSV	207°, 32%, 94%
XYZ	52.0731, 57.0991, 89.9380
YIQ	195.4320, -36.2670, 1.9810

Conversions

Conversions Part 2

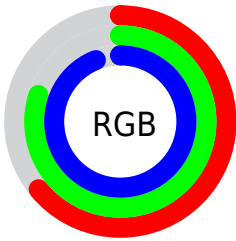
Format	Color
R _Y B	162, 189, 239
Decimal	10669295
CIE Lab	80.24, -5.68, -21.73
CIE LCh	80, 22.460, 255.360
Yxy	57.0991, 0.2615, 0.2868
Android (android.graphics.Color)	4288859375 (0xFFA2CCEF)
YUV	195.4320, 21.4790, -29.3199
Hunter-Lab	75.5640, -9.2278, -17.6736

Details

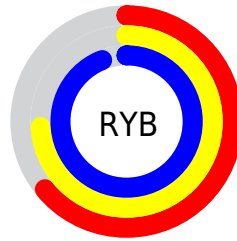
The YUV color **195.4320, 21.4790, -29.3199** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **205.5680, -21.4790, 29.3199**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.9370, 5.4541, -22.7467**, and **141.2040, 20.6054, -29.1199** is the 20% darker color. If you saturate the color by 10%, you get **181.7990, 28.2001, -38.4117**, and if you desaturate by 10%, it is **209.0650, 14.7580, -20.2280**.

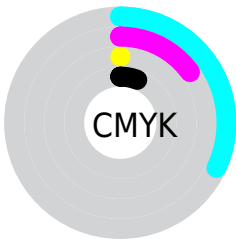
Distribution



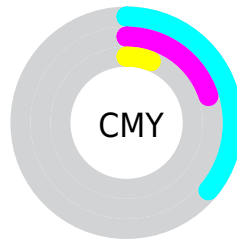
- Red (64%)
- Green (80%)
- Blue (94%)



- Red (64%)
- Yellow (74%)
- Blue (94%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.4320, 21.4790, -29.3199 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 195.4320, 21.4790, -29.3199 by changing the saturation by 10% instead.

■ 195.4320, 21.4790,
-29.3199

■ 195.4320, 21.4790,
-29.3199

255.0000, 0.0000,
0.0000

■ 168.3180, 21.0422,
-29.2199

■ 243.9370, 5.4541,
-22.7467

■ 141.2040, 20.6054,
-29.1199

■ 252.9070, 1.0318,
-4.3034

■ 114.7910, 20.3160,
-29.6347

■ 89.3780, 20.0266,
-30.1495

■ 64.0680, 20.1795,
-32.5086

■ 40.2310, 19.6061,
-35.2826

■ 25.2820, 15.6370,

-22.1723

■ 6.4520, 14.5672,
-5.6584

■ 1.3680, 5.2416,
-1.1997

■ 195.4320, 21.4790,
-29.3199

■ 195.4320, 21.4790,
-29.3199

■ 181.7990, 28.2001,
-38.4117

■ 209.0650, 14.7580,
-20.2280

■ 168.1660, 34.9212,
-47.5036

■ 222.6980, 8.0369,
-11.1361

■ 154.5330, 41.6422,
-56.5954

■ 236.3310, 1.3158,
-2.0443

■ 141.4870, 48.0739,
-66.2021

■ 248.4800, -4.6736,
5.7180

■ 127.8540, 54.7950,
-75.2940

■ 253.1760, -6.9888,
1.5996

■ 114.5200, 61.3686,
-83.7710

■ 103.5560, 66.7739,
-90.8186

Harmonies

Analogous

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



191.7310, 17.8806, -41.8601



195.4320, 21.4790, -29.3199



199.3960, 19.5248, -9.1173

Triad

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



195.4320, 21.4790, -29.3199



202.2110, -6.5130, 35.7720



194.5950, -12.6183, -12.7998

Complementary

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



195.4320, 21.4790, -29.3199



205.5680, -21.4790, 29.3199

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.



197.1090, -18.7877, 6.0434



195.4320, 21.4790, -29.3199



201.1970, -15.3801, 33.1532

Square

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



195.4320, 21.4790, -29.3199



202.8000, 3.5496, 28.2394



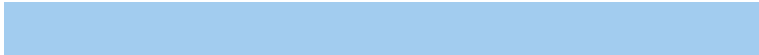
199.2790, -19.8575, 22.5573



191.9440, -1.9444, -29.7689

Rectangle

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



195.4320, 21.4790, -29.3199



201.1590, 15.6976, 5.1226



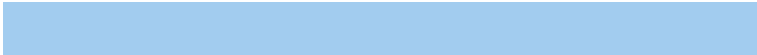
199.2790, -19.8575, 22.5573



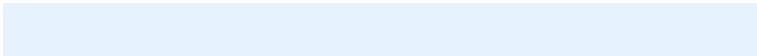
195.2430, -15.4028, -6.3521

Sweetspot

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



195.4320, 21.4790, -29.3199



240.4810, 7.1579, -9.1918



211.1890, -6.9952, -43.1388



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



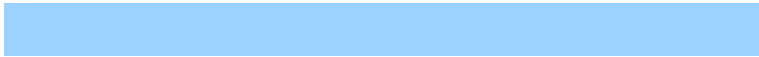
128.0000, 0.0000, 0.0000

Same Dimension

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



195.4320, 21.4790, -29.3199



198.9840, 27.6159, -37.6970



173.1260, 32.4759, -9.7575



112.8900, 3.5052, -4.2885



79.6760, 51.4317, -69.8759



24.5810, 15.4896, -21.5575

Inverse Universe

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



189.8110, 6.9952, 43.1388



191.7570, 8.9938, 55.4641



227.8740, -32.4759, 9.7575



112.2720, 0.8519, 6.7775



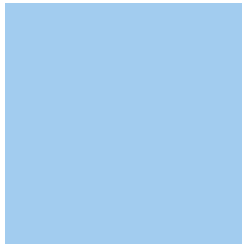
66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 195.4320, 21.4790, -29.3199 looks on a white background.

Color Contrast Check

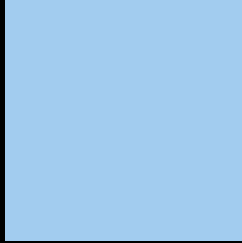
Large Text (above 18pt) WCAG AA × Fail

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 195.4320, 21.4790, -29.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

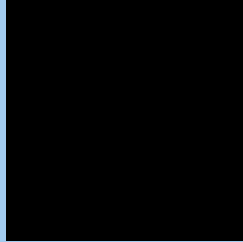
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

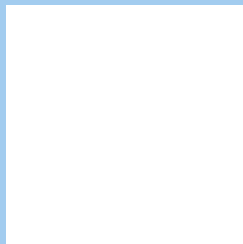
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 195.4320, 21.4790, -29.3199

Background



This preview shows how black text looks on a background with the YUV color 195.4320, 21.4790, -29.3199.



This preview shows how white text looks on a background with the YUV color 195.4320, 21.4790, -29.3199.

-29.3199.

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

195.4320, 21.4790, -29.3199

Protanopia

199.4240, 17.0460, -7.3878

Deuteranopia

200.2550, 20.0873, -2.8546



Tritanopia

194.1730, 14.2117, -31.7237

Trichromacy



Original Color

195.4320, 21.4790, -29.3199

Protanomaly

198.1240, 18.6729, -15.8947

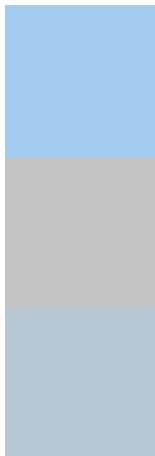
Deuteranomaly

198.6020, 20.4092, -12.8060

Tritanomaly

194.5690, 16.9745, -31.1940

Monochromacy



Original Color

195.4320, 21.4790, -29.3199

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4320, 21.4790, -29.3199 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(162, 204, 239)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 239)  
}
```

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(162, 204, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 239) }
```

Border

The CSS property to change the border of an element to YUV 195.4320, 21.4790, -29.3199 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(162, 204, 239) }
```


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

```
.border{ border-color:rgb(162, 204, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 204, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 204, 239); box-shadow:4px 4px 4px 4px rgb(162, 204, 239) }
```

Background

The CSS property to change the background color of an element to YUV 195.4320, 21.4790, -29.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 239) }
```

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

```
.background{ background-color: rgb(162,  
204, 239) }
```

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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