

Converting Colors

YUV(200.4830, 14.0589,
-29.3646)

Have a look what the booklet for
YUV(200.4830, 14.0589, -29.3646)
contains.

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Color

**YUV(200.4830, 14.0589,
-29.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D4E5
RGB	167, 212, 229
RGB Percent	65%, 83%, 90%
CMY	0.3451, 0.1686, 0.1020
CMYK	0.27, 0.07, 0.00, 0.10
HSL	196°, 54%, 78%
HSV	196°, 27%, 90%
XYZ	53.6227, 60.9596, 83.0689
YIQ	200.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

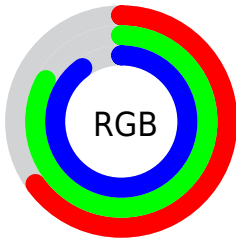
Format	Color
RYB	167, 193, 229
Decimal	10999013
CIELab	82.36, -10.80, -13.17
CIELCh	82, 17.033, 230.634
Yxy	60.9596, 0.2713, 0.3084
Android (android.graphics.Color)	4289189093 (0xFFA7D4E5)
YUV	200.4830, 14.0589, -29.3646
Hunter-Lab	78.0766, -14.0411, -8.4274

Details

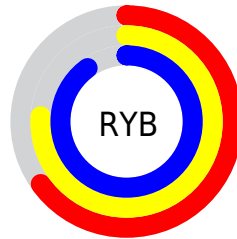
The YUV color $200.4830, 14.0589, -29.3646$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.5170, -14.0589, 29.3646$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4320, 4.7170, -19.6729$, and $145.7820, 13.9115, -28.7498$ is the 20% darker color. If you saturate the color by 10%, you get $190.0840, 19.1856, -40.4157$, and if you desaturate by 10%, it is $210.8820, 8.9322, -18.3135$.

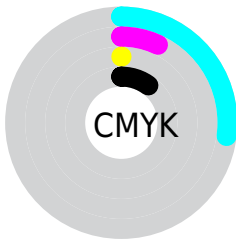
Distribution



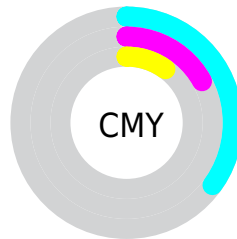
- Red (65%)
- Green (83%)
- Blue (90%)



- Red (65%)
- Yellow (76%)
- Blue (90%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.4830, 14.0589, -29.3646 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 200.4830, 14.0589, -29.3646 by changing the saturation by 10% instead.

■ 200.4830, 14.0589,
-29.3646

■ 200.4830, 14.0589,
-29.3646

255.0000, 0.0000,
0.0000

■ 172.7820, 13.9115,
-28.7498

■ 245.4320, 4.7170,
-19.6729

■ 145.7820, 13.9115,
-28.7498

■ 254.1030, 0.4422,
-1.8443

■ 119.6680, 13.4747,
-28.6498

■ 94.5540, 13.0379,
-28.5499

■ 69.8420, 12.8959,
-29.6794

■ 44.4500, 14.0752,
-34.5976

■ 27.4190, 11.1324,

-24.0465

■ 13.2850, 7.7475,
-11.6509

■ 0.0000, 0.0000,
0.0000

■ 200.4830, 14.0589,
-29.3646

■ 200.4830, 14.0589,
-29.3646

■ 190.0840, 19.1856,
-40.4157

■ 210.8820, 8.9322,
-18.3135

■ 179.0980, 24.6017,
-50.9519

■ 221.8680, 3.5161,
-7.7772

■ 168.6990, 29.7284,
-62.0030

■ 232.2670, -1.6106,
3.2738

■ 158.3000, 34.8551,
-73.0541

■ 241.4700, -6.1477,
11.8658

■ 148.2000, 39.8344,
-83.4904

■ 244.9920, -7.8841,
8.7770

■ 137.2140, 45.2505,
-94.0267

■ 249.1010, -9.9098,
5.1734

■ 126.8150, 50.3772,
-105.0778

■ 252.0360,
-11.3567, 2.5994

■ 123.5480, 51.9878,
-108.3516

Harmonies

Analogous

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



199.2780, 8.2439, -30.9388



200.4830, 14.0589, -29.3646



203.1190, 16.2103, -19.3984

Triad

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



200.4830, 14.0589, -29.3646



207.8980, 1.5293, 22.8915



203.0530, -13.8301, 2.5845

Complementary

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



200.4830, 14.0589, -29.3646



195.5170, -14.0589, 29.3646

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.



205.0870, -15.3259, 15.7097



200.4830, 14.0589, -29.3646



207.4550, -6.6333, 27.6650

Square

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



200.4830, 14.0589, -29.3646



207.3680, 8.6926, 11.9553



206.5380, -12.5902, 24.9612



201.3330, -8.5452, -12.5700

Rectangle

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



200.4830, 14.0589, -29.3646



204.9570, 15.3042, -8.7323



206.5380, -12.5902, 24.9612



204.1460, -14.8620, 6.8880

Sweetspot

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



200.4830, 14.0589, -29.3646



245.4980, 4.6845, -9.2067



205.3320, -10.5167, -33.6172



121.7650, 3.0739, -5.9329



0.0000, 0.0000, 0.0000



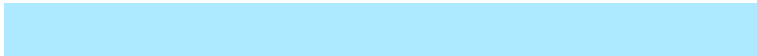
128.0000, 0.0000, 0.0000

Same Dimension

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



200.4830, 14.0589, -29.3646



217.5680, 18.4540, -39.0861



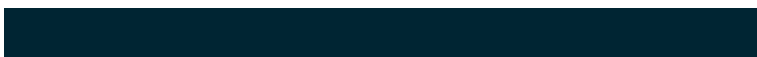
182.2860, 23.0300, -13.4058



109.6510, 2.6371, -5.8329



96.7160, 40.5660, -84.8199



27.5330, 11.5692, -24.1464

Inverse Universe

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



190.6680, 10.5167, 33.6172



204.3580, 14.1205, 44.4130



213.7140, -23.0300, 13.4058



107.6140, 2.1623, 6.4775



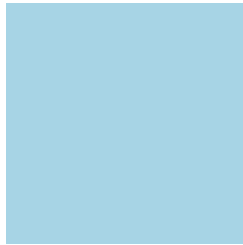
68.3410, 30.3979, 97.0479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 200.4830, 14.0589, -29.3646 looks on a white background.

Color Contrast Check

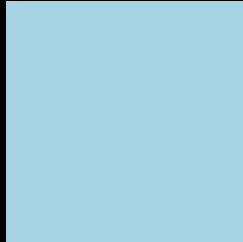
Large Text (above 18pt) WCAG AA × Fail

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 200.4830, 14.0589, -29.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

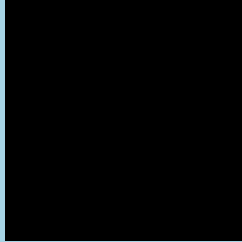
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.4830, 14.0589, -29.3646

Background



This preview shows how black text looks on a background with the YUV color 200.4830, 14.0589, -29.3646.



This preview shows how white text looks on a background with the YUV color 200.4830, 14.0589, -29.3646.

-29.3646.

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

200.4830, 14.0589, -29.3646

Protanopia

204.9810, 8.8834, -2.6143

Deuteranopia

206.3500, 12.6455, 4.0781



Tritanopia

200.4830, 14.0589, -29.3646

Trichromacy



Original Color

200.4830, 14.0589, -29.3646

Protanomaly

203.0830, 10.8051, -12.3508

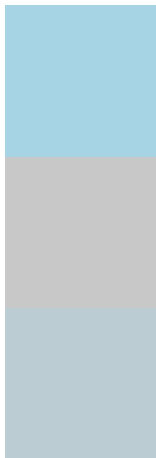
Deuteranomaly

204.3870, 13.1202, -8.2324

Tritanomaly

200.4830, 14.0589, -29.3646

Monochromacy



Original Color

200.4830, 14.0589, -29.3646

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0140, 5.4161, -10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.4830, 14.0589, -29.3646 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, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(167, 212, 229)  
}
```

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, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 212, 229) }
```

Border

The CSS property to change the border of an element to YUV 200.4830, 14.0589, -29.3646 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, 212, 229) }
```


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

```
.border{ border-color:rgb(167, 212, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(167, 212,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 200.4830, 14.0589, -29.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 212, 229) }
```

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

```
.background{ background-color: rgb(167,  
212, 229) }
```

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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