

Converting Colors

YUV(199.6540, 4.6076,
-31.2686)

Have a look what the booklet for
YUV(199.6540, 4.6076, -31.2686)
contains.

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Color

**YUV(199.6540, 4.6076,
-31.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D8D1
RGB	164, 216, 209
RGB Percent	64%, 85%, 82%
CMY	0.3569, 0.1529, 0.1804
CMYK	0.24, 0.00, 0.03, 0.15
HSL	172°, 40%, 75%
HSV	172°, 24%, 85%
XYZ	51.3743, 61.6077, 69.5054
YIQ	199.6540, -28.7450, -13.2010

Conversions

Conversions Part 2

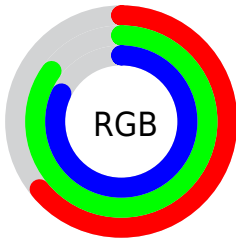
Format	Color
RYB	164, 192, 216
Decimal	10803409
CIELab	82.70, -18.16, -2.03
CIELCh	83, 18.270, 186.368
Yxy	61.6077, 0.2815, 0.3376
Android (android.graphics.Color)	4288993489 (0xFFA4D8D1)
YUV	199.6540, 4.6076, -31.2686
Hunter-Lab	78.4906, -20.5251, 2.4406

Details

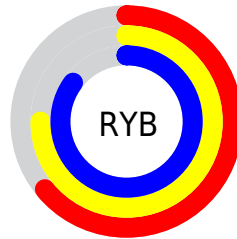
The YUV color $199.6540, 4.6076, -31.2686$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $180.3460, -4.6076, 31.2686$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5350, 5.1592, -21.5172$, and $145.3660, 4.7496, -30.1390$ is the 20% darker color. If you saturate the color by 10%, you get $192.7340, 6.5401, -44.4937$, and if you desaturate by 10%, it is $206.5740, 2.6750, -18.0434$.

Distribution



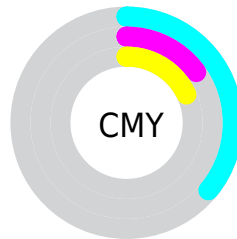
- Red (64%)
- Green (85%)
- Blue (82%)



- Red (64%)
- Yellow (75%)
- Blue (85%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6540, 4.6076, -31.2686 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 199.6540, 4.6076, -31.2686 by changing the saturation by 10% instead.

■ 199.6540, 4.6076,
-31.2686

■ 199.6540, 4.6076,
-31.2686

255.0000, 0.0000,
0.0000

■ 171.9530, 4.4602,
-30.6538

■ 244.5350, 5.1592,
-21.5172

■ 145.3660, 4.7496,
-30.1390

■ 253.2060, 0.8844,
-3.6887

■ 119.3660, 4.7496,
-30.1390

■ 93.7790, 5.0390,
-29.6242

■ 69.4800, 5.1864,
-30.2390

■ 44.0990, 6.3602,
-33.4128

■ 26.8830, 4.0017,

-23.5764

■ 11.5750, 1.1955,
-10.1513

■ 0.0000, 0.0000,
0.0000

■ 199.6540, 4.6076,
-31.2686

■ 199.6540, 4.6076,
-31.2686

■ 192.7340, 6.5401,
-44.4937

■ 206.5740, 2.6750,
-18.0434

■ 186.1130, 8.3253,
-57.1041

■ 213.1950, 0.8899,
-5.4330

■ 179.1930, 10.2579,
-70.3293

■ 220.1150, -1.0427,
7.7921

■ 172.5720, 12.0430,
-82.9396

■ 226.7360, -2.8278,
20.4025

■ 165.6520, 13.9756,
-96.1648

■ 228.5730, -2.2545,
23.1765

■ 158.8460, 16.3449,
-109.4899

■ 228.8010, -1.3809,
22.9765

■ 152.2250, 18.1301,
-122.1003

■ 229.1430, -0.0705,
22.6766

■ 148.1100, 19.1728,
-129.8925

■ 229.4850, 1.2399,
22.3767

■ 229.8270, 2.5503,
22.0767

Harmonies

Analogous

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



201.0160, -4.4449, -21.0620



199.6540, 4.6076, -31.2686



200.1080, 12.7648, -34.2977

Triad

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



199.6540, 4.6076, -31.2686



207.9480, 12.3506, 5.3076



206.7180, -15.6370, 22.1723

Complementary

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



199.6540, 4.6076, -31.2686



180.3460, -4.6076, 31.2686

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.



208.3150, -11.0013, 28.6647



199.6540, 4.6076, -31.2686



209.5000, 5.1765, 19.7325

Square

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



199.6540, 4.6076, -31.2686



205.6900, 16.9148, -12.0061



209.0790, -2.9969, 27.9947



205.1140, -16.3252, 9.5470

Rectangle

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



199.6540, 4.6076, -31.2686



201.6400, 15.9535, -30.3793



209.0790, -2.9969, 27.9947



207.0820, -14.3374, 25.3611

Sweetspot

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



199.6540, 4.6076, -31.2686



249.3900, 1.7797, -10.8660



196.9160, -16.2276, -21.8513



124.4830, 0.7479, -6.5626



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.



199.6540, 4.6076, -31.2686



231.7340, 6.5401, -44.4937



189.8860, 12.8742, -22.7020



103.5970, 1.1847, -6.6626



117.2490, 15.1602, -102.8274



29.5730, 4.1545, -25.9355

Inverse Universe

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



180.3460, -4.6076, 31.2686



204.2660, -6.5401, 44.4937



190.1140, -12.8742, 22.7020



99.5170, -0.7479, 6.5626



53.7510, -15.1602, 102.8274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 199.6540, 4.6076, -31.2686 looks on a white background.

Color Contrast Check

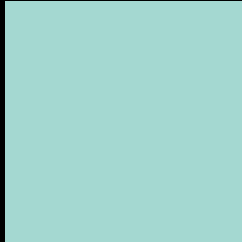
Large Text (above 18pt) WCAG AA × Fail

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 199.6540, 4.6076, -31.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

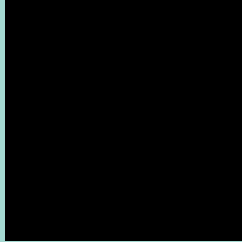
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.6540, 4.6076, -31.2686

Background



This preview shows how black text looks on a background with the YUV color 199.6540, 4.6076, -31.2686.



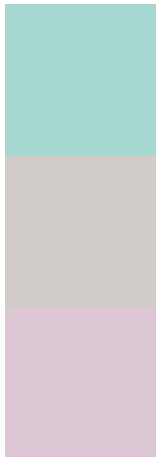
This preview shows how white text looks on a background with the YUV color 199.6540, 4.6076, -31.2686.

-31.2686.

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

199.6540, 4.6076, -31.2686

Protanopia

205.2670, -1.6106, 3.2738

Deuteranopia

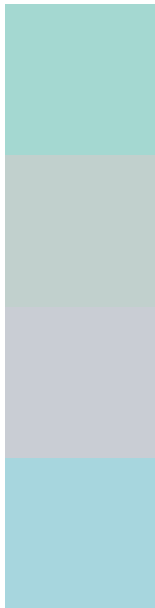
207.4730, 2.7248, 12.7402



Tritanopia

201.4830, 14.0589, -29.3646

Trichromacy



Original Color

199.6540, 4.6076, -31.2686

Protanomaly

203.1730, 0.9007, -8.9217

Deuteranomaly

204.6020, 3.6472, -3.1590

Tritanomaly

200.8590, 10.4225, -29.6943

Monochromacy



Original Color

199.6540, 4.6076, -31.2686

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9770, 1.4903, -11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6540, 4.6076, -31.2686 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(164, 216, 209)` looks like.

```
.text, #text, p{  
    color:rgb(164, 216, 209)  
}
```

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(164, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 216, 209) }
```

Border

The CSS property to change the border of an element to YUV 199.6540, 4.6076, -31.2686 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(164, 216, 209) }
```


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

```
.border{ border-color:rgb(164, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(164, 216,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 199.6540, 4.6076, -31.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 216, 209) }
```

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

```
.background{ background-color: rgb(164,  
216, 209) }
```

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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