

Converting Colors

YUV(203.4610, 14.0697,
-32.8533)

Have a look what the booklet for
YUV(203.4610, 14.0697, -32.8533)
contains.

YUV(203.4610, 14.0697, -32.8533)	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(203.4610, 14.0697,
-32.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D9E8
RGB	166, 217, 232
RGB Percent	65%, 85%, 91%
CMY	0.3490, 0.1490, 0.0902
CMYK	0.28, 0.06, 0.00, 0.09
HSL	194°, 59%, 78%
HSV	194°, 28%, 91%
XYZ	55.1042, 63.5589, 85.7077
YIQ	203.4610, -35.2110, -6.1470

Conversions

Conversions Part 2

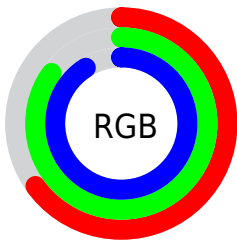
Format	Color
RYB	166, 195, 232
Decimal	10934760
CIELab	83.74, -12.98, -12.71
CIELCh	84, 18.161, 224.401
Yxy	63.5589, 0.2696, 0.3110
Android (android.graphics.Color)	4289124840 (0xFFA6D9E8)
YUV	203.4610, 14.0697, -32.8533
Hunter-Lab	79.7238, -16.1395, -7.9335

Details

The YUV color **203.4610, 14.0697, -32.8533** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194.5390, -14.0697, 32.8533**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **148.6460, 13.4855, -32.1385** is the 20% darker color. If you saturate the color by 10%, you get **193.6490, 18.9070, -44.4192**, and if you desaturate by 10%, it is **213.2730, 9.2324, -21.2874**.

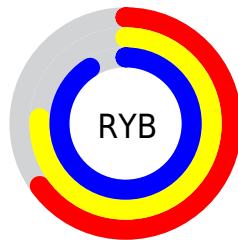
Distribution



Red (65%)

Green (85%)

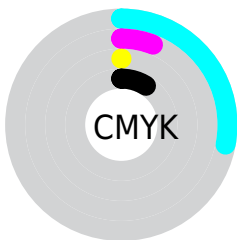
Blue (91%)



Red (65%)

Yellow (76%)

Blue (91%)

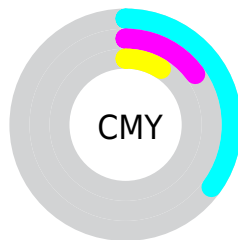


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.4610, 14.0697, -32.8533 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 203.4610, 14.0697, -32.8533 by changing the saturation by 10% instead.

■ 203.4610, 14.0697,
-32.8533

■ 203.4610, 14.0697,
-32.8533

■ 255.0000, 0.0000,
0.0000

■ 175.7600, 13.9223,
-32.2385

■ 245.1330, 4.8644,
-20.2876

■ 148.6460, 13.4855,
-32.1385

■ 253.8040, 0.5896,
-2.4591

■ 122.6460, 13.4855,
-32.1385

■ 96.6460, 13.4855,
-32.1385

■ 71.6350, 13.4909,
-33.8829

■ 45.5310, 14.5282,
-39.9307

■ 29.9950, 10.8485,

-26.3056

■ 15.8610, 7.4635,
-13.9101

■ 0.5700, 2.1840,
-0.4999

■ 203.4610, 14.0697,
-32.8533

■ 203.4610, 14.0697,
-32.8533

■ 193.6490, 18.9070,
-44.4192

■ 213.2730, 9.2324,
-21.2874

■ 183.2500, 24.0338,
-55.4703

■ 223.6720, 4.1057,
-10.2363

■ 173.1390, 29.0185,
-67.6509

■ 233.7830, -0.8790,
1.9443

■ 163.3270, 33.8558,
-79.2168

■ 242.3990, -5.1267,
11.0511

■ 153.5150, 38.6931,
-90.7827

■ 245.3340, -6.5737,
8.4771

■ 143.1160, 43.8198,
-101.8337

■ 248.8560, -8.3100,
5.3883

■ 133.3040, 48.6571,
-113.3996

■ 251.7910, -9.7570,
2.8143

■ 131.5210, 49.5361,
-115.3439

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



202.6260, 7.0864, -32.9980



203.4610, 14.0697, -32.8533



206.0260, 17.2422, -23.7018

Triad

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



203.4610, 14.0697, -32.8533



212.2400, 2.8397, 22.5915



207.3200, -15.4408, 5.8584

Complementary

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



203.4610, 14.0697, -32.8533



194.5390, -14.0697, 32.8533

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.



209.4680, -16.4997, 18.8836



203.4610, 14.0697, -32.8533



211.8080, -5.3283, 29.1094

Square

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



203.4610, 14.0697, -32.8533



211.5140, 10.5926, 9.1962



210.9620, -12.3063, 27.2203



205.1870, -10.4452, -9.8110

Rectangle

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



203.4610, 14.0697, -32.8533



207.9780, 16.7728, -13.1357



210.9620, -12.3063, 27.2203



207.8260, -16.1832, 10.6766

Sweetspot

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



203.4610, 14.0697, -32.8533



245.1880, 4.8373, -11.5659



206.3380, -12.9846, -35.3764



121.1670, 3.3687, -7.1625



0.0000, 0.0000, 0.0000



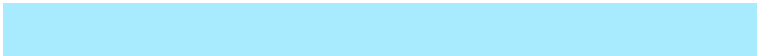
128.0000, 0.0000, 0.0000

Same Dimension

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



203.4610, 14.0697, -32.8533



217.2470, 18.6122, -43.1896



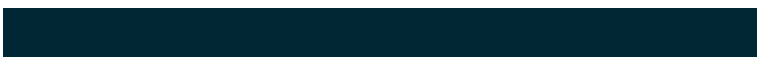
184.6770, 23.3302, -16.3797



109.6510, 2.6371, -5.8329



101.4120, 38.2509, -88.9383



28.7070, 10.9904, -25.1760

Inverse Universe

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



191.5480, 12.5478, 35.4764



201.6510, 16.4411, 46.7871



213.3230, -23.3302, 16.3797



107.6140, 2.1623, 6.4775



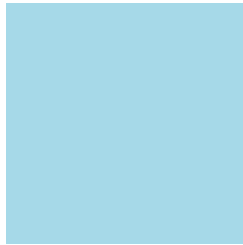
69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 203.4610, 14.0697, -32.8533 looks on a white background.

Color Contrast Check

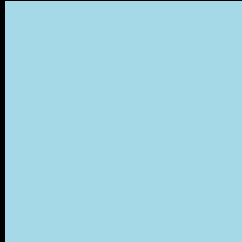
Large Text (above 18pt) WCAG AA × Fail

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 203.4610, 14.0697, -32.8533 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 203.4610, 14.0697, -32.8533

Background



This preview shows how black text looks on a background with the YUV color 203.4610, 14.0697, -32.8533.



This preview shows how white text looks on a background with the YUV color 203.4610, 14.0697, -32.8533.

-32.8533.

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

203.4610, 14.0697, -32.8533

Protanopia

209.1660, 8.2992, -1.8996

Deuteranopia

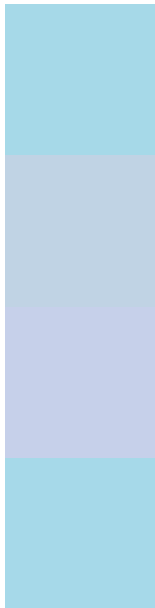
210.5350, 12.0612, 4.7928



Tritanopia

203.6890, 14.9433, -33.0533

Trichromacy



Original Color

203.4610, 14.0697, -32.8533

Protanomaly

207.2570, 10.2263, -13.3804

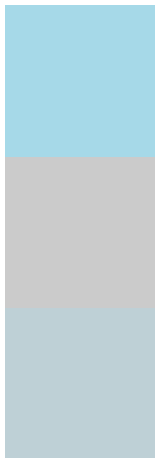
Deuteranomaly

207.9740, 12.8308, -8.7472

Tritanomaly

203.5750, 14.5065, -32.9533

Monochromacy



Original Color

203.4610, 14.0697, -32.8533

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.3020, 5.2741, -11.6659

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.4610, 14.0697, -32.8533 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(166, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(166, 217, 232)  
}
```

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(166, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 217, 232) }
```

Border

The CSS property to change the border of an element to YUV 203.4610, 14.0697, -32.8533 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(166, 217, 232) }
```


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

```
.border{ border-color:rgb(166, 217, 232) }
```

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

Here you see how a box with a 4 pixel rgb(166, 217, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(166, 217,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 203.4610, 14.0697, -32.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 217, 232) }
```

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

```
.background{ background-color: rgb(166,  
217, 232) }
```

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