

Converting Colors

YUV(209.1230, 16.7014,
-36.9419)

Have a look what the booklet for
YUV(209.1230, 16.7014, -36.9419)
contains.

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Color

**YUV(209.1230, 16.7014,
-36.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E0F3
RGB	167, 224, 243
RGB Percent	65%, 88%, 95%
CMY	0.3451, 0.1216, 0.0471
CMYK	0.31, 0.08, 0.00, 0.05
HSL	195°, 76%, 80%
HSV	195°, 31%, 95%
XYZ	58.7697, 67.9979, 94.8214
YIQ	209.1230, -40.0710, -6.1750

Conversions

Conversions Part 2

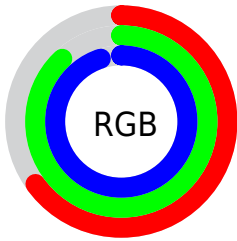
Format	Color
R_{YB}	167, 200, 243
Decimal	11002099
CIE _{Lab}	86.01, -13.71, -15.12
CIE _{LCh}	86, 20.411, 227.794
Yxy	67.9979, 0.2652, 0.3069
Android (android.graphics.Color)	4289192179 (0xFFA7E0F3)
YUV	209.1230, 16.7014, -36.9419
Hunter-Lab	82.4608, -17.0898, -10.4548

Details

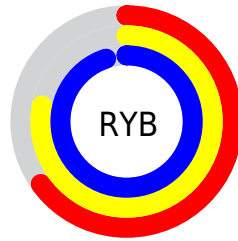
The YUV color **209.1230, 16.7014, -36.9419** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200.8770, -16.7014, 36.9419**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **154.0090, 16.2646, -36.8419** is the 20% darker color. If you saturate the color by 10%, you get **198.4250, 21.9755, -48.6077**, and if you desaturate by 10%, it is **219.8210, 11.4272, -25.2760**.

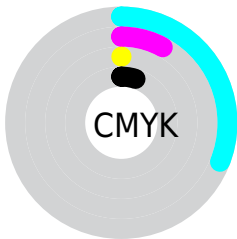
Distribution



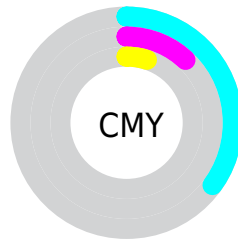
- Red (65%)
- Green (88%)
- Blue (95%)



- Red (65%)
- Yellow (78%)
- Blue (95%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.1230, 16.7014, -36.9419 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 209.1230, 16.7014, -36.9419 by changing the saturation by 10% instead.

■ 209.1230, 16.7014,
-36.9419

■ 209.1230, 16.7014,
-36.9419

■ 255.0000, 0.0000,
0.0000

■ 181.1230, 16.7014,
-36.9419

■ 245.7310, 4.5696,
-19.0581

■ 154.0090, 16.2646,
-36.8419

■ 254.4020, 0.2948,
-1.2296

■ 127.3080, 16.1172,
-36.2271

■ 101.5960, 15.9752,
-37.3567

■ 75.2860, 16.1280,
-39.7158

■ 49.4920, 17.0124,
-43.4045

■ 33.9560, 13.3327,

-29.7794

■ 19.7080, 9.5110,
-17.2839

■ 2.6390, 7.5730,
-2.3144

■ 209.1230, 16.7014,
-36.9419

■ 209.1230, 16.7014,
-36.9419

■ 198.4250, 21.9755,
-48.6077

■ 219.8210, 11.4272,
-25.2760

■ 187.4280, 27.3970,
-60.8884

■ 230.8180, 6.0057,
-12.9954

■ 176.7300, 32.6711,
-72.5542

■ 241.5160, 0.7316,
-1.3295

■ 166.0320, 37.9452,
-84.2201

■ 249.5230, -3.2158,
4.8033

■ 155.0350, 43.3667,
-96.5007

■ 253.0450, -4.9522,
1.7145

■ 144.3370, 48.6409,
-108.1665

■ 253.6320, -5.2416,
1.1997

■ 134.5360, 53.4728,
-117.9881

Harmonies

Analogous

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



207.4620, 9.1392, -38.1162



209.1230, 16.7014, -36.9419



212.2970, 19.5736, -24.8165

Triad

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



209.1230, 16.7014, -36.9419



218.5610, 2.6814, 26.6950



212.8530, -17.1825, 4.5139

Complementary

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



209.1230, 16.7014, -36.9419



200.8770, -16.7014, 36.9419

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.



215.3110, -18.3943, 19.8983



209.1230, 16.7014, -36.9419



218.0750, -6.9390, 32.3832

Square

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



209.1230, 16.7014, -36.9419



218.3510, 11.1660, 11.9702



217.0010, -14.7905, 30.6941



211.0510, -10.8711, -13.1997

Rectangle

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



209.1230, 16.7014, -36.9419



214.8470, 18.8094, -13.0208



217.0010, -14.7905, 30.6941



213.6580, -18.0724, 9.9469

Sweetspot

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



209.1230, 16.7014, -36.9419



244.6010, 5.1267, -11.0511



213.7780, -13.6946, -41.0243



121.1670, 3.3687, -7.1625



0.0000, 0.0000, 0.0000



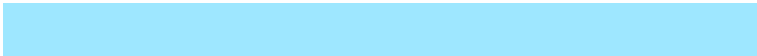
128.0000, 0.0000, 0.0000

Same Dimension

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



209.1230, 16.7014, -36.9419



211.9090, 21.2439, -47.2782



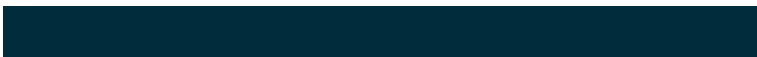
186.8170, 27.6982, -17.3795



116.6510, 2.6371, -5.8329



103.3840, 40.7297, -90.6678



32.5540, 13.0379, -28.5499

Inverse Universe

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



196.2220, 13.6946, 41.0243



195.3250, 17.5878, 52.3350



223.1830, -27.6982, 17.3795



114.6140, 2.1623, 6.4775



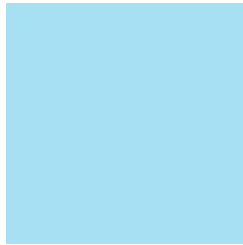
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 209.1230, 16.7014, -36.9419 looks on a white background.

Color Contrast Check

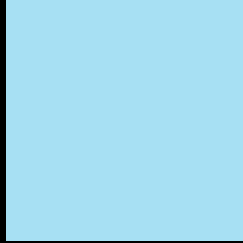
Large Text (above 18pt) WCAG AA × Fail

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 209.1230, 16.7014, -36.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

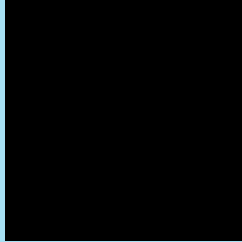
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.1230, 16.7014, -36.9419

Background



This preview shows how black text looks on a background with the YUV color 209.1230, 16.7014, -36.9419.



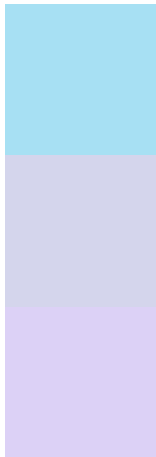
This preview shows how white text looks on a background with the YUV color 209.1230, 16.7014, -36.9419.

-36.9419.

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

209.1230, 16.7014, -36.9419

Protanopia

215.3230, 10.1938, -2.9143

Deuteranopia

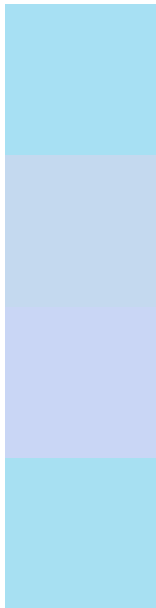
216.5070, 14.5400, 3.0634



Tritanopia

209.0090, 16.2646, -36.8419

Trichromacy



Original Color

209.1230, 16.7014, -36.9419

Protanomaly

213.2290, 12.7051, -15.1098

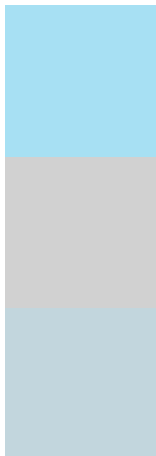
Deuteranomaly

213.6470, 15.4570, -11.0914

Tritanomaly

209.0090, 16.2646, -36.8419

Monochromacy



Original Color

209.1230, 16.7014, -36.9419

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.1230, 16.7014, -36.9419 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, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(167, 224, 243)  
}
```

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, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 224, 243) }
```

Border

The CSS property to change the border of an element to YUV 209.1230, 16.7014, -36.9419 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, 224, 243) }
```


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

```
.border{ border-color:rgb(167, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 224, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 224, 243); box-shadow:4px 4px 4px 4px rgb(167, 224, 243) }
```

Background

The CSS property to change the background color of an element to YUV 209.1230, 16.7014, -36.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 224, 243) }
```

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

```
.background{ background-color: rgb(167,  
224, 243) }
```

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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