

Converting Colors

YUV(201.4390, 14.0806,
-36.3420)

Have a look what the booklet for
YUV(201.4390, 14.0806, -36.3420)
contains.

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Color

**YUV(201.4390, 14.0806,
-36.3420)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D9E6
RGB	160, 217, 230
RGB Percent	63%, 85%, 90%
CMY	0.3725, 0.1490, 0.0980
CMYK	0.30, 0.06, 0.00, 0.10
HSL	191°, 58%, 76%
HSV	191°, 30%, 90%
XYZ	53.5930, 62.8125, 84.1623
YIQ	201.4390, -38.1450, -8.0410

Conversions

Conversions Part 2

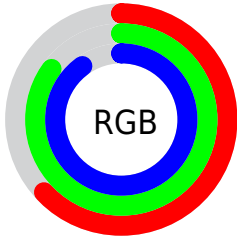
Format	Color
R _{YB}	160, 191, 230
Decimal	10541542
CIE Lab	83.34, -15.13, -12.27
CIE LCh	83, 19.479, 219.027
Yxy	62.8125, 0.2672, 0.3132
Android (android.graphics.Color)	4288731622 (0xFFA0D9E6)
YUV	201.4390, 14.0806, -36.3420
Hunter-Lab	79.2543, -17.9906, -7.4836

Details

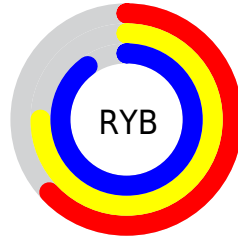
The YUV color $201.4390, 14.0806, -36.3420$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $188.5610, -14.0806, 36.3420$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.3390, 5.7489, -23.9763$, and $146.7380, 13.9332, -35.7272$ is the 20% darker color. If you saturate the color by 10%, you get $192.2140, 18.6285, -48.4227$, and if you desaturate by 10%, it is $210.6640, 9.5326, -24.2613$.

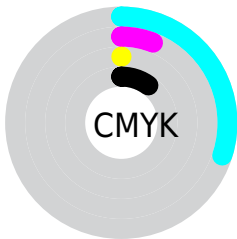
Distribution



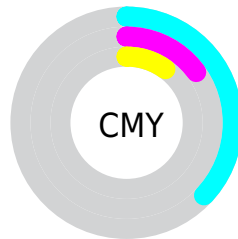
- Red (63%)
- Green (85%)
- Blue (90%)



- Red (63%)
- Yellow (75%)
- Blue (90%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.4390, 14.0806, -36.3420 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 201.4390, 14.0806, -36.3420 by changing the saturation by 10% instead.

■ 201.4390, 14.0806,
-36.3420

■ 201.4390, 14.0806,
-36.3420

■ 255.0000, 0.0000,
0.0000

■ 173.7380, 13.9332,
-35.7272

■ 243.3390, 5.7489,
-23.9763

■ 146.7380, 13.9332,
-35.7272

■ 252.0100, 1.4741,
-6.1478

■ 120.3250, 13.6438,
-36.2420

■ 94.3250, 13.6438,
-36.2420

■ 68.7160, 13.9440,
-39.2159

■ 45.3030, 13.6546,
-39.7307

■ 29.2940, 10.7011,

-25.6908

■ 15.7470, 7.0267,
-13.8101

■ 0.2280, 0.8736,
-0.2000

■ 201.4390, 14.0806,
-36.3420

■ 201.4390, 14.0806,
-36.3420

■ 192.2140, 18.6285,
-48.4227

■ 210.6640, 9.5326,
-24.2613

■ 182.4020, 23.4658,
-59.9886

■ 220.4760, 4.6953,
-12.6955

■ 173.1770, 28.0137,
-72.0692

■ 229.7010, 0.1474,
-0.6148

■ 163.9520, 32.5617,
-84.1499

■ 238.9260, -4.4005,
11.4659

■ 154.7270, 37.1096,
-96.2306

■ 242.1710, -6.0003,
11.2510

■ 144.9150, 41.9469,
-107.7965

■ 245.1060, -7.4473,
8.6770

■ 135.9890, 46.3474,
-119.2624

■ 247.4540, -8.6048,
6.6178

■ 249.8020, -9.7624,
4.5586

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



200.6860, 6.0708, -33.9276



201.4390, 14.0806, -36.3420



203.9330, 18.2740, -28.0052

Triad

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



201.4390, 14.0806, -36.3420



210.8100, 5.0237, 22.0916



206.2880, -16.9040, 8.5174

Complementary

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



201.4390, 14.0806, -36.3420



188.5610, -14.0806, 36.3420

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.



208.3760, -16.9474, 22.4722



201.4390, 14.0806, -36.3420



211.1610, -4.0234, 30.5538

Square

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



201.4390, 14.0806, -36.3420



210.0730, 12.7820, 6.9520



209.6850, -12.1697, 30.0943



204.6280, -12.6346, -7.5668

Rectangle

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



201.4390, 14.0806, -36.3420



206.1130, 18.6783, -17.6391



209.6850, -12.1697, 30.0943



207.0930, -17.7938, 13.9504

Sweetspot

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



201.4390, 14.0806, -36.3420



245.7750, 4.5479, -12.0807



202.5720, -14.5790, -37.3356



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



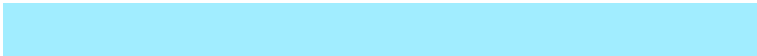
128.0000, 0.0000, 0.0000

Same Dimension

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



201.4390, 14.0806, -36.3420



216.3280, 19.0653, -48.5227



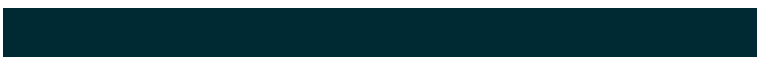
180.8940, 24.2093, -18.3240



110.2380, 2.3477, -6.3477



105.5210, 36.2251, -92.5419



30.4680, 10.1223, -26.7204

Inverse Universe

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



187.4280, 14.5790, 37.3356



197.7700, 19.3404, 50.1907



209.1060, -24.2093, 18.3240



107.7280, 2.5991, 6.3775



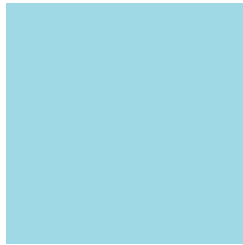
70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 201.4390, 14.0806, -36.3420 looks on a white background.

Color Contrast Check

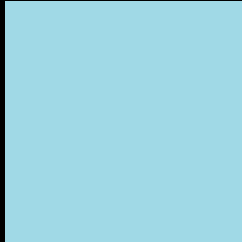
Large Text (above 18pt) WCAG AA × Fail

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 201.4390, 14.0806, -36.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

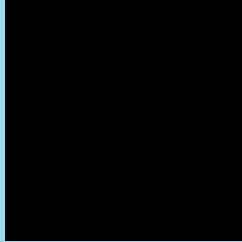
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.4390, 14.0806, -36.3420

Background



This preview shows how black text looks on a background with the YUV color 201.4390, 14.0806, -36.3420.



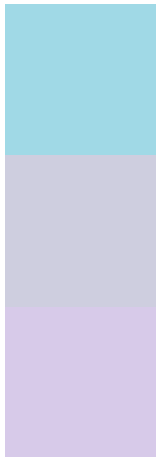
This preview shows how white text looks on a background with the YUV color 201.4390, 14.0806, -36.3420.

-36.3420.

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

201.4390, 14.0806, -36.3420

Protanopia

207.9380, 7.4256, -1.6996

Deuteranopia

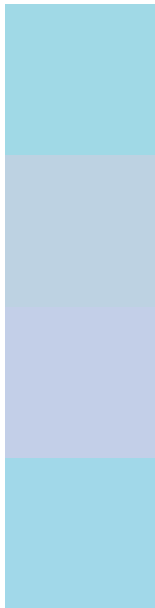
209.4210, 11.6244, 4.8928



Tritanopia

201.6070, 15.9697, -35.6123

Trichromacy



Original Color

201.4390, 14.0806, -36.3420

Protanomaly

205.5450, 10.0843, -14.5100

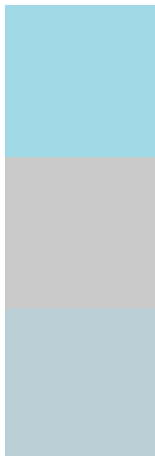
Deuteranomaly

206.2620, 12.6888, -9.8768

Tritanomaly

201.4930, 15.5330, -35.5124

Monochromacy



Original Color

201.4390, 14.0806, -36.3420

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.2910, 5.2795, -13.4102

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.4390, 14.0806, -36.3420 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(160, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 217, 230)  
}
```

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(160, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 217, 230) }
```

Border

The CSS property to change the border of an element to YUV 201.4390, 14.0806, -36.3420 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(160, 217, 230) }
```


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

```
.border{ border-color:rgb(160, 217, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 217, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(160, 217,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 201.4390, 14.0806, -36.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 217, 230) }
```

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

```
.background{ background-color: rgb(160,  
217, 230) }
```

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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