

Converting Colors

YUV(204.3570, 15.1070,
-38.9011)

Have a look what the booklet for
YUV(204.3570, 15.1070, -38.9011)
contains.

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Color

**YUV(204.3570, 15.1070,
-38.9011)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DDEB
RGB	160, 221, 235
RGB Percent	63%, 87%, 92%
CMY	0.3725, 0.1333, 0.0784
CMYK	0.32, 0.06, 0.00, 0.08
HSL	191°, 65%, 77%
HSV	191°, 32%, 92%
XYZ	55.3491, 65.1846, 88.2620
YIQ	204.3570, -40.8500, -8.5780

Conversions

Conversions Part 2

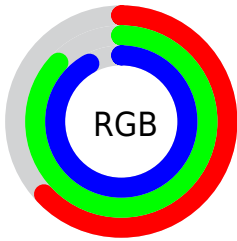
Format	Color
R _Y B	160, 194, 235
Decimal	10542571
CIE Lab	84.58, -15.99, -13.07
CIE LCh	85, 20.654, 219.255
Yxy	65.1846, 0.2651, 0.3122
Android (android.graphics.Color)	4288732651 (0xFFFA0DDEB)
YUV	204.3570, 15.1070, -38.9011
Hunter-Lab	80.7370, -18.9195, -8.3001

Details

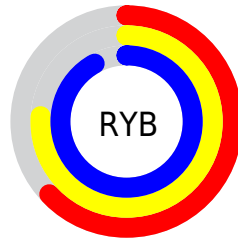
The YUV color $204.3570, 15.1070, -38.9011$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $190.6430, -15.1070, 38.9011$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6380, 5.6015, -23.3615$, and $149.5420, 14.5228, -38.1863$ is the 20% darker color. If you saturate the color by 10%, you get $195.1320, 19.6549, -50.9818$, and if you desaturate by 10%, it is $213.5820, 10.5591, -26.8204$.

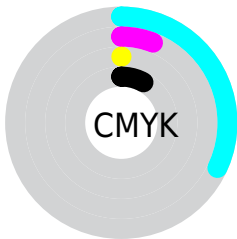
Distribution



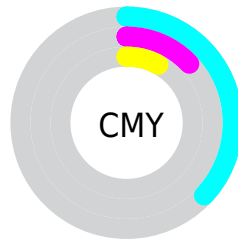
- Red (63%)
- Green (87%)
- Blue (92%)



- Red (63%)
- Yellow (76%)
- Blue (92%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (37%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.3570, 15.1070, -38.9011 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 204.3570, 15.1070, -38.9011 by changing the saturation by 10% instead.

■ 204.3570, 15.1070,
-38.9011

■ 204.3570, 15.1070,
-38.9011

■ 255.0000, 0.0000,
0.0000

■ 176.6560, 14.9596,
-38.2863

■ 243.6380, 5.6015,
-23.3615

■ 149.5420, 14.5228,
-38.1863

■ 252.3090, 1.3267,
-5.5330

■ 122.5420, 14.5228,
-38.1863

■ 96.9440, 14.8176,
-39.4159

■ 70.1500, 15.7021,
-43.1045

■ 47.6340, 14.9704,
-41.7750

■ 31.5110, 11.5801,

-27.6351

■ 17.8500, 7.4690,
-15.6544

■ 1.0260, 3.9312,
-0.8998

■ 204.3570, 15.1070,
-38.9011

■ 204.3570, 15.1070,
-38.9011

■ 195.1320, 19.6549,
-50.9818

■ 213.5820, 10.5591,
-26.8204

■ 185.0210, 24.6396,
-63.1624

■ 223.6930, 5.5744,
-14.6398

■ 175.4970, 29.3350,
-75.8579

■ 233.2170, 0.8790,
-1.9443

■ 165.6850, 34.1723,
-87.4237

■ 243.0290, -3.9583,
9.6216

■ 156.1610, 38.8676,
-100.1192

■ 245.6760, -5.2633,
8.1771

■ 146.9360, 43.4156,
-112.1999

■ 248.0240, -6.4208,
6.1180

■ 138.9070, 47.3738,
-121.8214

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

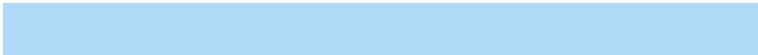
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204.0770, 6.3710, -36.9015



204.3570, 15.1070, -38.9011



207.2640, 19.5898, -30.0495

Triad

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



204.3570, 15.1070, -38.9011



214.8210, 5.0182, 23.8360



209.9460, -18.2144, 8.8174

Complementary

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



204.3570, 15.1070, -38.9011



190.6430, -15.1070, 38.9011

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.



211.7460, -18.1158, 23.9018



204.3570, 15.1070, -38.9011



214.1720, -4.0288, 32.2982

Square

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



204.3570, 15.1070, -38.9011



213.6000, 13.5082, 7.3668



213.4680, -13.0487, 32.0386



207.2150, -12.9240, -8.0816

Rectangle

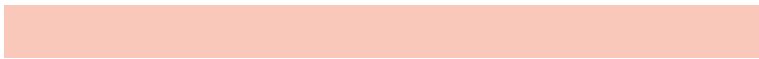
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.3570, 15.1070, -38.9011



210.0420, 19.6993, -18.4538



213.4680, -13.0487, 32.0386



210.7510, -19.1042, 14.2504

Sweetspot

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



204.3570, 15.1070, -38.9011



244.5900, 5.1321, -12.7954



205.6210, -15.5892, -40.0096



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



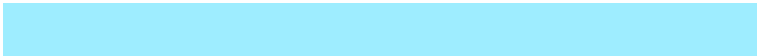
128.0000, 0.0000, 0.0000

Same Dimension

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



204.3570, 15.1070, -38.9011



215.4310, 19.5075, -50.3670



182.6380, 25.8145, -19.8535



112.5370, 2.2003, -5.7329



106.9230, 36.5200, -93.7715



31.9840, 10.8539, -28.0500

Inverse Universe

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



189.3790, 15.5892, 40.0096



196.0090, 20.2086, 51.7351



212.3620, -25.8145, 19.8535



110.3150, 2.3097, 5.8627



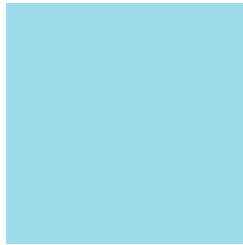
70.8770, 37.5286, 96.5779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 204.3570, 15.1070, -38.9011 looks on a white background.

Color Contrast Check

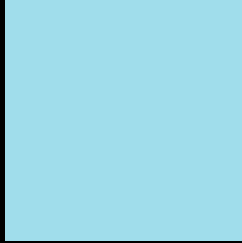
Large Text (above 18pt) WCAG AA × Fail

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 204.3570, 15.1070, -38.9011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

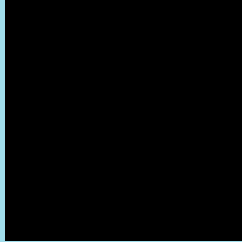
Any Text WCAG AA ✓ Pass

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 204.3570, 15.1070, -38.9011 Background



This preview shows how black text looks on a background with the YUV color 204.3570, 15.1070, -38.9011.



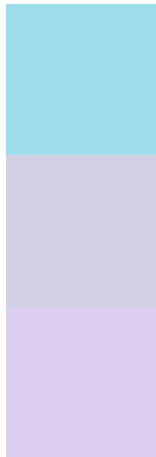
This preview shows how white text looks on a background with the YUV color 204.3570, 15.1070,

-38.9011.

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

204.3570, 15.1070, -38.9011

Protanopia

211.0520, 7.8624, -1.7996

Deuteranopia

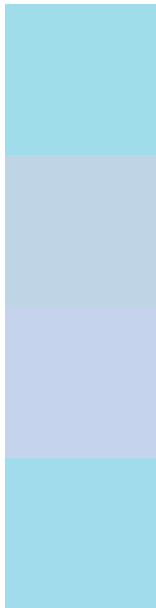
212.6490, 12.4980, 4.6928



Tritanopia

204.4110, 16.5594, -38.0714

Trichromacy



Original Color

204.3570, 15.1070, -38.9011

Protanomaly

208.3600, 10.6685, -15.2247

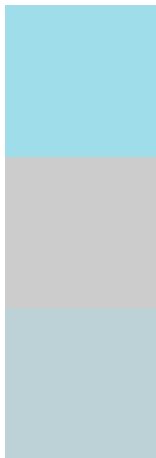
Deuteranomaly

209.7780, 13.4204, -11.2063

Tritanomaly

204.2970, 16.1226, -37.9715

Monochromacy



Original Color

204.3570, 15.1070, -38.9011

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9920, 5.4269, -14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.3570, 15.1070, -38.9011 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, 221, 235)` looks like.

```
.text, #text, p{  
    color:rgb(160, 221, 235)  
}
```

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, 221, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 221, 235) }
```

Border

The CSS property to change the border of an element to YUV 204.3570, 15.1070, -38.9011 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, 221, 235) }
```


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

```
.border{ border-color:rgb(160, 221, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 221, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 221, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 221, 235);  
box-shadow:4px 4px 4px 4px rgb(160, 221,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 204.3570, 15.1070, -38.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 221, 235) }
```

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

```
.background{ background-color: rgb(160,  
221, 235) }
```

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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