

Converting Colors

YUV(212.6020, 13.5072,
-39.1160)

Have a look what the booklet for
YUV(212.6020, 13.5072, -39.1160)
contains.

YUV(212.6020, 13.5072, -39.1160)	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(212.6020, 13.5072,
-39.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E6F0
RGB	168, 230, 240
RGB Percent	66%, 90%, 94%
CMY	0.3412, 0.0980, 0.0588
CMYK	0.30, 0.04, 0.00, 0.06
HSL	188°, 71%, 80%
HSV	188°, 30%, 94%
XYZ	60.1734, 71.2097, 93.0115
YIQ	212.6020, -40.1620, -10.0340

Conversions

Conversions Part 2

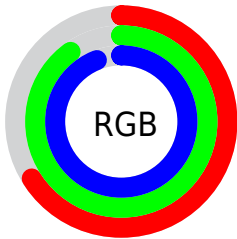
Format	Color
R _Y B	168, 201, 240
Decimal	11069168
CIE Lab	87.59, -17.16, -11.17
CIE LCh	88, 20.478, 213.055
Yxy	71.2097, 0.2682, 0.3173
Android (android.graphics.Color)	4289259248 (0xFFA8E6F0)
YUV	212.6020, 13.5072, -39.1160
Hunter-Lab	84.3859, -20.3914, -6.2803

Details

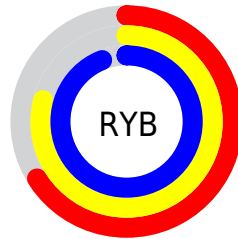
The YUV color $212.6020, 13.5072, -39.1160$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.3980, -13.5072, 39.1160$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.0300, 4.4222, -18.4433$, and $156.9010, 13.3598, -38.5012$ is the 20% darker color. If you saturate the color by 10%, you get $203.6650, 17.9132, -52.3262$, and if you desaturate by 10%, it is $221.5390, 9.1013, -25.9057$.

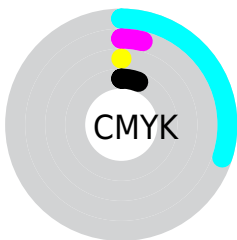
Distribution



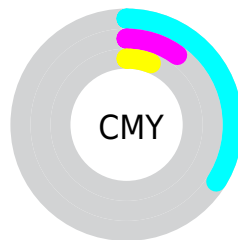
- Red (66%)
- Green (90%)
- Blue (94%)



- Red (66%)
- Yellow (79%)
- Blue (94%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6020, 13.5072, -39.1160 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 212.6020, 13.5072, -39.1160 by changing the saturation by 10% instead.

■ 212.6020, 13.5072,
-39.1160

■ 212.6020, 13.5072,
-39.1160

255.0000, 0.0000,
0.0000

■ 184.6020, 13.5072,
-39.1160

■ 246.0300, 4.4222,
-18.4433

■ 156.9010, 13.3598,
-38.5012

254.7010, 0.1474,
-0.6148

■ 130.7870, 12.9230,
-38.4012

■ 104.4880, 13.0704,
-39.0160

■ 78.2920, 13.6600,
-41.4751

■ 52.1990, 14.6919,
-45.7785

■ 36.0760, 11.3015,

-31.6387

■ 21.8280, 7.4798,
-19.1432

■ 2.4110, 6.6994,
-2.1144

■ 212.6020, 13.5072,
-39.1160

■ 212.6020, 13.5072,
-39.1160

■ 203.6650, 17.9132,
-52.3262

■ 221.5390, 9.1013,
-25.9057

■ 194.1410, 22.6085,
-65.0217

■ 231.0630, 4.4059,
-13.2103

■ 185.2040, 27.0144,
-78.2319

■ 240.0000, 0.0000,
0.0000

■ 176.2670, 31.4204,
-91.4422

■ 246.2460, -3.0793,
7.6773

■ 166.7430, 36.1157,
-104.1376

■ 248.5940, -4.2368,
5.6181

■ 157.8060, 40.5216,
-117.3479

■ 250.3550, -5.1050,
4.0737

■ 148.8690, 44.9276,
-130.5581

■ 252.1160, -5.9732,
2.5293

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



212.5180, 4.1816, -34.6573



212.6020, 13.5072, -39.1160



214.8400, 19.3059, -32.3087

Triad

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



212.6020, 13.5072, -39.1160



223.0810, 7.3551, 20.9770



218.8540, -18.6620, 12.4060

Complementary

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



212.6020, 13.5072, -39.1160



195.3980, -13.5072, 39.1160

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.



220.2840, -17.3950, 26.0609



212.6020, 13.5072, -39.1160



222.0190, -1.9814, 28.9243

Square

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



212.6020, 13.5072, -39.1160



221.9200, 14.8294, 3.5782



221.0270, -10.8593, 29.7943



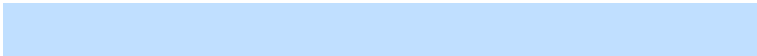
216.4820, -14.5346, -4.8077

Rectangle

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



212.6020, 13.5072, -39.1160



217.3790, 18.5472, -22.2574



221.0270, -10.8593, 29.7943



219.4740, -18.9677, 17.1243

Sweetspot

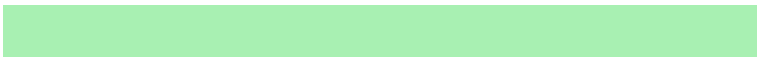
The Sweet Spot groups the original color and five complimentary colors.



212.6020, 13.5072, -39.1160



246.3620, 4.2585, -12.5955



211.4040, -16.4682, -38.0653



122.3410, 2.7899, -8.1921



0.0000, 0.0000, 0.0000



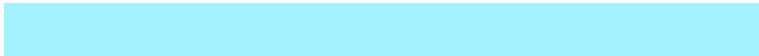
128.0000, 0.0000, 0.0000

Same Dimension

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



212.6020, 13.5072, -39.1160



219.8610, 17.3235, -49.8671



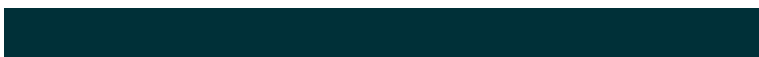
191.4700, 23.9253, -20.5832



115.2380, 2.3477, -6.3477



113.7220, 34.6471, -99.7342



34.5600, 10.5699, -30.3091

Inverse Universe

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



196.5960, 16.4682, 38.0653



199.5140, 20.9456, 48.6612



216.5300, -23.9253, 20.5832



112.7280, 2.5991, 6.3775



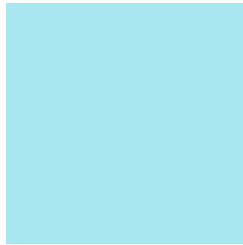
73.0280, 41.8912, 97.3224



22.2160, 12.7115, 29.6286

Previews

White Background



This preview shows how the YUV color 212.6020, 13.5072, -39.1160 looks on a white background.

Color Contrast Check

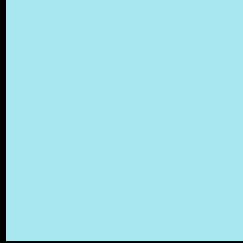
Large Text (above 18pt) WCAG AA × Fail

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 212.6020, 13.5072, -39.1160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

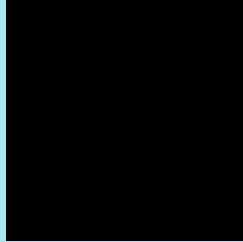
Any Text WCAG AA ✓ Pass

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 212.6020, 13.5072, -39.1160 Background



This preview shows how black text looks on a background with the YUV color 212.6020, 13.5072, -39.1160.



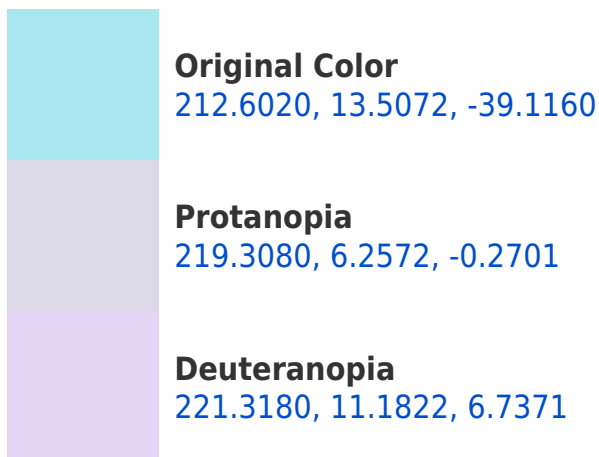
This preview shows how white text looks on a background with the YUV color 212.6020, 13.5072,

-39.1160.

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

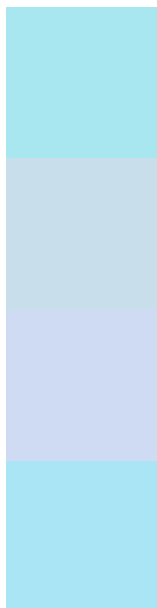




Tritanopia

213.4110, 16.5594, -38.0714

Trichromacy



Original Color

212.6020, 13.5072, -39.1160

Protanomaly

216.9040, 8.9213, -14.8248

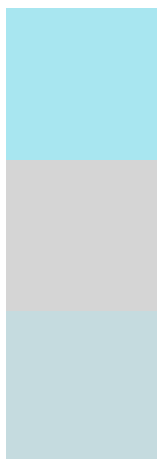
Deuteranomaly

218.1480, 12.2520, -9.7768

Tritanomaly

212.7700, 15.3964, -38.3863

Monochromacy



Original Color

212.6020, 13.5072, -39.1160

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8780, 4.9901, -13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6020, 13.5072, -39.1160 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(168, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 230, 240)  
}
```

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(168, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 230, 240) }
```

Border

The CSS property to change the border of an element to YUV 212.6020, 13.5072, -39.1160 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(168, 230, 240) }
```


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

```
.border{ border-color:rgb(168, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 230,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 212.6020, 13.5072, -39.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 230, 240) }
```

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

```
.background{ background-color: rgb(168,  
230, 240) }
```

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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