

Converting Colors

YUV(213.0030, 15.2815,
-48.2376)

Have a look what the booklet for
YUV(213.0030, 15.2815, -48.2376)
contains.

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Color

**YUV(213.0030, 15.2815,
-48.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	9EEBF4
RGB	158, 235, 244
RGB Percent	62%, 92%, 96%
CMY	0.3804, 0.0784, 0.0431
CMYK	0.35, 0.04, 0.00, 0.04
HSL	186°, 80%, 79%
HSV	186°, 35%, 96%
XYZ	60.1380, 73.2174, 96.5507
YIQ	213.0030, -48.7810, -13.5250

Conversions

Conversions Part 2

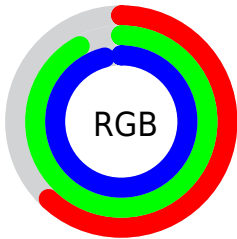
Format	Color
R _Y B	158, 199, 244
Decimal	10415092
CIE Lab	88.55, -21.41, -11.88
CIE LCh	89, 24.483, 209.038
Yxy	73.2174, 0.2616, 0.3185
Android (android.graphics.Color)	4288605172 (0xFF9EEBF4)
YUV	213.0030, 15.2815, -48.2376
Hunter-Lab	85.5672, -24.2898, -7.0035

Details

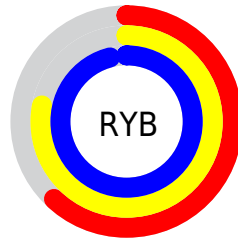
The YUV color **213.0030, 15.2815, -48.2376** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.9970, -15.2815, 48.2376**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, 5.8963, -24.5911**, and **157.0030, 15.2815, -48.2376** is the 20% darker color. If you saturate the color by 10%, you get **204.0660, 19.6875, -61.4479**, and if you desaturate by 10%, it is **221.9400, 10.8756, -35.0274**.

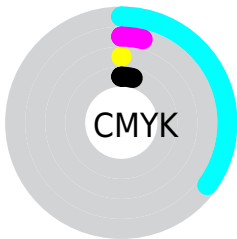
Distribution



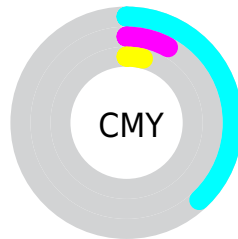
- Red (62%)
- Green (92%)
- Blue (96%)



- Red (62%)
- Yellow (78%)
- Blue (96%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0030, 15.2815, -48.2376 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 213.0030, 15.2815, -48.2376 by changing the saturation by 10% instead.

213.0030, 15.2815,
-48.2376

213.0030, 15.2815,
-48.2376

255.0000, 0.0000,
0.0000

185.0030, 15.2815,
-48.2376

243.0400, 5.8963,
-24.5911

157.0030, 15.2815,
-48.2376

252.0100, 1.4741,
-6.1478

129.7040, 15.4289,
-48.8524

102.8070, 15.8711,
-50.6967

71.7130, 18.3825,
-62.8923

54.8890, 14.8447,
-48.1377

38.7660, 11.4544,

-33.9978

■ 23.9310, 7.9220,
-20.9875

■ 2.8670, 8.4466,
-2.5144

■ 213.0030, 15.2815,
-48.2376

■ 213.0030, 15.2815,
-48.2376

■ 204.0660, 19.6875,
-61.4479

■ 221.9400, 10.8756,
-35.0274

■ 195.4170, 23.9514,
-75.7877

■ 230.5890, 6.6116,
-20.6876

■ 186.4800, 28.3574,
-88.9980

■ 239.5260, 2.2057,
-7.4773

■ 177.8310, 32.6213,
-103.3378

■ 247.8760, -1.9109,
6.2477

■ 168.8940, 37.0273,
-116.5480

■ 249.6370, -2.7790,
4.7034

■ 160.5440, 41.1438,
-130.2731

■ 250.8110, -3.3578,
3.6738

■ 155.7820, 43.4915,
-136.6208

■ 252.5720, -4.2260,
2.1294

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

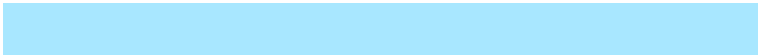
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.6590, 3.6191, -40.9199



213.0030, 15.2815, -48.2376



214.8990, 19.7698, -41.1304

Triad

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



213.0030, 15.2815, -48.2376



226.1890, 10.2598, 22.6362



221.2630, -22.3147, 17.3093

Complementary

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



213.0030, 15.2815, -48.2376



188.9970, -15.2815, 48.2376

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.



222.1380, -19.2950, 28.8200



213.0030, 15.2815, -48.2376



222.7030, 0.6394, 28.3245

Square

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



213.0030, 15.2815, -48.2376



223.7240, 15.4191, 1.1191



220.6680, -9.6963, 30.1092



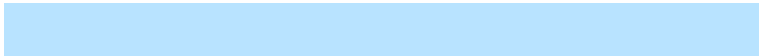
219.0540, -18.7606, -2.6784

Rectangle

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



213.0030, 15.2815, -48.2376



217.3350, 18.5688, -29.2348



220.6680, -9.6963, 30.1092



222.2960, -22.3309, 22.5424

Sweetspot

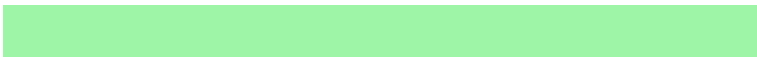
The Sweet Spot groups the original color and five complimentary colors.



213.0030, 15.2815, -48.2376



244.8670, 4.9956, -15.6694



209.5080, -20.9564, -45.1725



121.7430, 3.0847, -9.4216



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

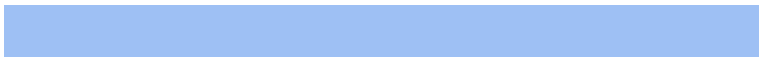
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.0030, 15.2815, -48.2376



216.5500, 18.9559, -60.1183



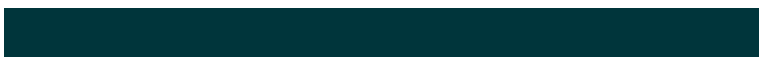
187.7620, 27.7253, -26.1013



117.8250, 2.0583, -6.8625



119.2330, 32.9161, -104.5673



37.8370, 10.4334, -33.1830

Inverse Universe

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



192.4920, 20.9564, 45.1725



190.9370, 26.1601, 56.1833



214.2380, -27.7253, 26.1013



114.8420, 3.0359, 6.2776



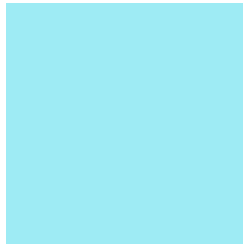
74.6520, 45.5276, 97.6522



23.6830, 14.4533, 30.9730

Previews

White Background



This preview shows how the YUV color 213.0030, 15.2815, -48.2376 looks on a white background.

Color Contrast Check

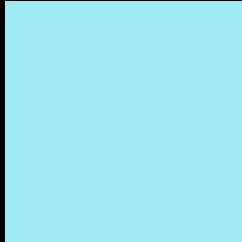
Large Text (above 18pt) WCAG AA × Fail

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 213.0030, 15.2815, -48.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

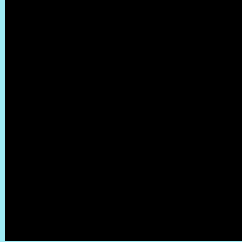
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.0030, 15.2815, -48.2376

Background



This preview shows how black text looks on a background with the YUV color 213.0030, 15.2815, -48.2376.



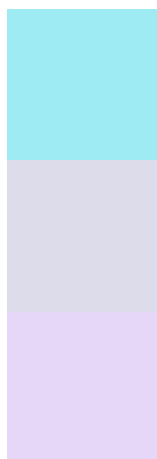
This preview shows how white text looks on a background with the YUV color 213.0030, 15.2815, -48.2376.

-48.2376.

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

213.0030, 15.2815, -48.2376

Protanopia

222.0090, 6.4046, -0.8849

Deuteranopia

223.2470, 12.2032, 5.9224



Tritanopia

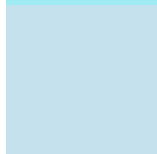
213.9260, 18.7705, -47.2931

Trichromacy



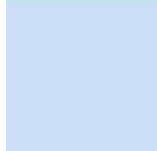
Original Color

213.0030, 15.2815, -48.2376



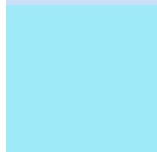
Protanomaly

218.4090, 9.6584, -17.8987



Deuteranomaly

219.4680, 13.5733, -13.5654



Tritanomaly

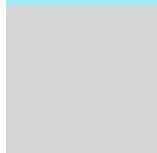
213.2850, 17.6075, -47.6079

Monochromacy



Original Color

213.0030, 15.2815, -48.2376



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.9700, 5.4378, -17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0030, 15.2815, -48.2376 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(158, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(158, 235, 244)  
}
```

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(158, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 235, 244) }
```

Border

The CSS property to change the border of an element to YUV 213.0030, 15.2815, -48.2376 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(158, 235, 244) }
```


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

```
.border{ border-color:rgb(158, 235, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 235, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 235, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 235, 244);  
box-shadow:4px 4px 4px 4px rgb(158, 235,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 213.0030, 15.2815, -48.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 235, 244) }
```

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

```
.background{ background-color: rgb(158,  
235, 244) }
```

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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