

Converting Colors

YUV(213.0760, 11.3015,
-31.6387)

Have a look what the booklet for
YUV(213.0760, 11.3015, -31.6387)
contains.

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Color

**YUV(213.0760, 11.3015,
-31.6387)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E3EC
RGB	177, 227, 236
RGB Percent	69%, 89%, 93%
CMY	0.3059, 0.1098, 0.0745
CMYK	0.25, 0.04, 0.00, 0.07
HSL	189°, 61%, 81%
HSV	189°, 25%, 93%
XYZ	60.7409, 70.3414, 89.7327
YIQ	213.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

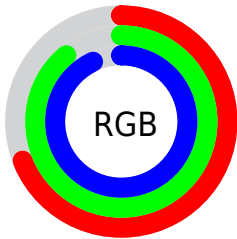
Format	Color
RYB	177, 204, 236
Decimal	11658220
CIELab	87.16, -14.00, -9.64
CIElCh	87, 16.996, 214.563
Yxy	70.3414, 0.2751, 0.3186
Android (android.graphics.Color)	4289848300 (0xFFB1E3EC)
YUV	213.0760, 11.3015, -31.6387
Hunter-Lab	83.8698, -17.4974, -4.7258

Details

The YUV color $213.0760, 11.3015, -31.6387$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $199.9240, -11.3015, 31.6387$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $158.2610, 10.7173, -30.9239$ is the 20% darker color. If you saturate the color by 10%, you get $203.5520, 15.9969, -44.3341$, and if you desaturate by 10%, it is $222.6000, 6.6062, -18.9432$.

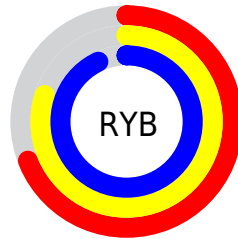
Distribution



Red (69%)

Green (89%)

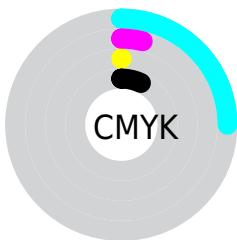
Blue (93%)



Red (69%)

Yellow (80%)

Blue (93%)

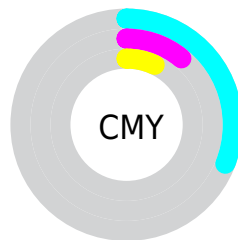


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (31%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0760, 11.3015, -31.6387 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 213.0760, 11.3015, -31.6387 by changing the saturation by 10% instead.

■ 213.0760, 11.3015,
-31.6387

■ 213.0760, 11.3015,
-31.6387

255.0000, 0.0000,
0.0000

■ 185.3750, 11.1541,
-31.0239

■ 248.7210, 3.0955,
-12.9103

■ 158.2610, 10.7173,
-30.9239

■ 131.5600, 10.5699,
-30.3091

■ 105.5600, 10.5699,
-30.3091

■ 80.5600, 10.5699,
-30.3091

■ 55.9510, 10.8702,
-33.2830

■ 34.5600, 10.5699,

-30.3091

■ 20.3120, 6.7482,
-17.8136

■ 1.3680, 5.2416,
-1.1997

■ 213.0760, 11.3015,
-31.6387

■ 213.0760, 11.3015,
-31.6387

■ 203.5520, 15.9969,
-44.3341

■ 222.6000, 6.6062,
-18.9432

■ 194.9140, 20.2554,
-56.9296

■ 231.2380, 2.3477,
-6.3477

■ 185.3900, 24.9507,
-69.6250

■ 240.7620, -2.3477,
6.3477

■ 176.7520, 29.2093,
-82.2205

■ 244.6160, -4.2477,
9.1068

■ 167.2280, 33.9046,
-94.9160

■ 246.9640, -5.4053,
7.0476

■ 157.7040, 38.5999,
-107.6114

■ 249.3120, -6.5628,
4.9884

■ 149.0660, 42.8585,
-120.2069

■ 251.0730, -7.4310,
3.4440

■ 144.3040, 45.2061,
-126.5546

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



212.7360, 3.5812, -28.7095



213.0760, 11.3015, -31.6387



215.2600, 15.6478, -25.6610

Triad

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



213.0760, 11.3015, -31.6387



221.6030, 5.6187, 17.8882



217.6410, -15.5990, 9.9618

Complementary

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



213.0760, 11.3015, -31.6387



199.9240, -11.3015, 31.6387

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.



219.6470, -14.6160, 21.3576



213.0760, 11.3015, -31.6387



221.4810, -2.7021, 26.7652

Square

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



213.0760, 11.3015, -31.6387



220.2360, 12.2087, 4.1780



220.9450, -9.8329, 27.2352



215.8780, -11.7719, -4.2780

Rectangle

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



213.0760, 11.3015, -31.6387



217.1300, 16.2049, -17.6540



220.9450, -9.8329, 27.2352



217.9620, -15.7573, 14.0653

Sweetspot

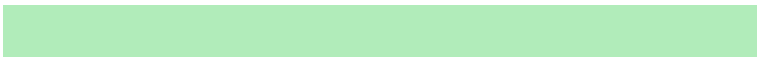
The Sweet Spot groups the original color and five complimentary colors.



213.0760, 11.3015, -31.6387



247.2590, 3.8163, -10.7511



212.6590, -13.1429, -31.2729



122.9390, 2.4951, -6.9625



0.0000, 0.0000, 0.0000



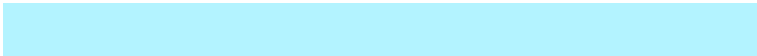
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0760, 11.3015, -31.6387



225.2320, 14.6756, -40.5455



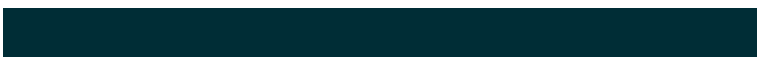
196.0530, 19.6939, -16.7095



113.1240, 1.9109, -6.2477



110.4450, 34.7836, -96.8603



32.5710, 10.5645, -28.5648

Inverse Universe

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



200.3410, 13.1429, 31.2729



209.0200, 16.7521, 40.3245



216.9470, -19.6939, 16.7095



110.4290, 2.7465, 5.7628



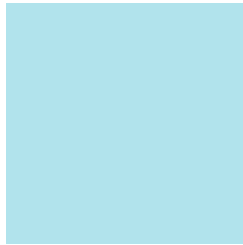
71.5610, 40.1494, 95.9780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 213.0760, 11.3015, -31.6387 looks on a white background.

Color Contrast Check

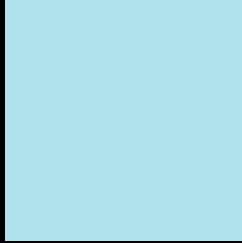
Large Text (above 18pt) WCAG AA × Fail

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 213.0760, 11.3015, -31.6387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

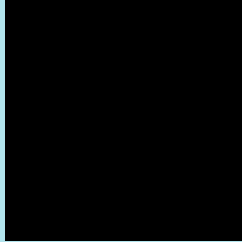
Any Text WCAG AA ✓ Pass

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 213.0760, 11.3015, -31.6387 Background



This preview shows how black text looks on a background with the YUV color 213.0760, 11.3015, -31.6387.



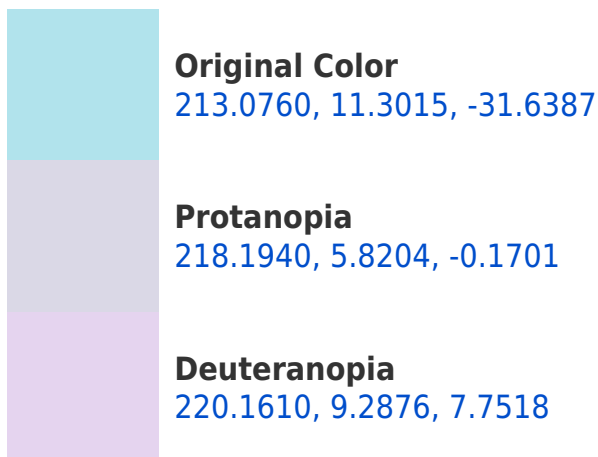
This preview shows how white text looks on a background with the YUV color 213.0760, 11.3015, -31.6387.

-31.6387.

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

213.9990, 14.7905, -30.6941

Trichromacy



Original Color

213.0760, 11.3015, -31.6387

Protanomaly

216.2850, 7.7475, -11.6509

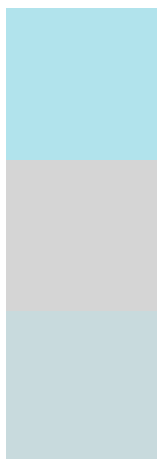
Deuteranomaly

217.3010, 10.2046, -6.4030

Tritanomaly

213.3580, 13.6275, -31.0090

Monochromacy



Original Color

213.0760, 11.3015, -31.6387

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.9600, 3.9637, -11.3659

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0760, 11.3015, -31.6387 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(177, 227, 236)` looks like.

```
.text, #text, p{  
    color:rgb(177, 227, 236)  
}
```

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(177, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 236) }
```

Border

The CSS property to change the border of an element to YUV 213.0760, 11.3015, -31.6387 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(177, 227, 236) }
```


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

```
.border{ border-color:rgb(177, 227, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 227, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(177, 227,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 213.0760, 11.3015, -31.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 227, 236) }
```

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

```
.background{ background-color: rgb(177,  
227, 236) }
```

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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