

Converting Colors

YUV(213.0570, 3.4229,
-24.6060)

Have a look what the booklet for
YUV(213.0570, 3.4229, -24.6060)
contains.

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Color

**YUV(213.0570, 3.4229,
-24.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E2DC
RGB	185, 226, 220
RGB Percent	73%, 89%, 86%
CMY	0.2745, 0.1137, 0.1373
CMYK	0.18, 0.00, 0.03, 0.11
HSL	171°, 41%, 81%
HSV	171°, 18%, 89%
XYZ	60.1222, 69.8743, 78.0285
YIQ	213.0570, -22.5100, -10.5580

Conversions

Conversions Part 2

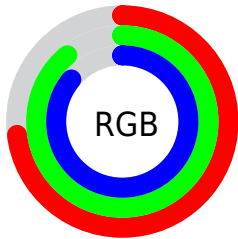
Format	Color
RYB	185, 207, 226
Decimal	12182236
CIELab	86.94, -14.48, -1.50
CIELCh	87, 14.555, 185.921
Yxy	69.8743, 0.2890, 0.3359
Android (android.graphics.Color)	4290372316 (0xFFB9E2DC)
YUV	213.0570, 3.4229, -24.6060
Hunter-Lab	83.5909, -17.8990, 3.1689

Details

The YUV color $213.0570, 3.4229, -24.6060$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $197.9430, -3.4229, 24.6060$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $158.3560, 3.2755, -23.9912$ is the 20% darker color. If you saturate the color by 10%, you get $205.8380, 5.5029, -38.4459$, and if you desaturate by 10%, it is $220.2760, 1.3429, -10.7661$.

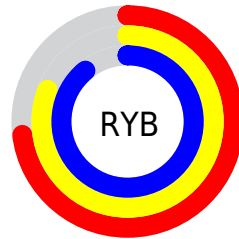
Distribution



Red (73%)

Green (89%)

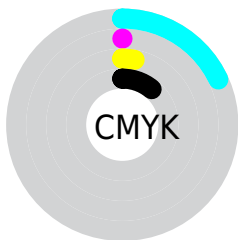
Blue (86%)



Red (73%)

Yellow (81%)

Blue (89%)

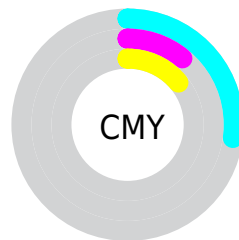


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.0570, 3.4229, -24.6060 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 213.0570, 3.4229, -24.6060 by changing the saturation by 10% instead.

■ 213.0570, 3.4229,
-24.6060

■ 213.0570, 3.4229,
-24.6060

255.0000, 0.0000,
0.0000

■ 185.3560, 3.2755,
-23.9912

■ 251.1130, 1.9163,
-7.9921

■ 158.3560, 3.2755,
-23.9912

■ 132.0680, 3.4175,
-22.8616

■ 106.3670, 3.2701,
-22.2469

■ 82.0680, 3.4175,
-22.8616

■ 58.4810, 3.7069,
-22.3468

■ 34.9970, 4.4385,

-23.6764

■ 18.4710, 2.2328,
-16.1991

■ 0.0000, 0.0000,
0.0000

■ 213.0570, 3.4229,
-24.6060

■ 213.0570, 3.4229,
-24.6060

■ 205.8380, 5.5029,
-38.4459

■ 220.2760, 1.3429,
-10.7661

■ 198.8040, 6.9986,
-51.5711

■ 227.3100, -0.1528,
2.3591

■ 191.5850, 9.0786,
-65.4110

■ 234.5290, -2.2328,
16.1991

■ 184.6650, 11.0112,
-78.6362

■ 235.4690, -1.2172,
17.1287

■ 177.3320, 12.6543,
-92.3762

■ 235.9250, 0.5300,
16.7288

■ 170.1130, 14.7343,
-106.2161

■ 236.2670, 1.8404,
16.4288

■ 163.1930, 16.6669,
-119.4413

■ 236.6090, 3.1508,
16.1289

■ 155.9740, 18.7468,
-133.2812

■ 236.9510, 4.4612,
15.8290

■ 154.6640, 18.8996,
-135.6403

■ 237.4070, 6.2083,
15.4291

Harmonies

Analogous

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



213.8640, -3.8770, -16.5437



213.0570, 3.4229, -24.6060



213.3540, 9.6855, -26.6205

Triad

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



213.0570, 3.4229, -24.6060



219.3670, 10.1721, 4.0631



218.4940, -12.5685, 17.9838

Complementary

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



213.0570, 3.4229, -24.6060



197.9430, -3.4229, 24.6060

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.



220.1510, -8.9484, 23.5466



213.0570, 3.4229, -24.6060



220.5380, 4.1718, 15.3142

Square

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



213.0570, 3.4229, -24.6060



217.4900, 13.5624, -10.0767



220.4590, -2.6913, 23.2765



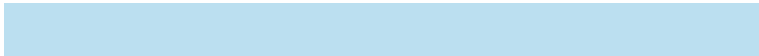
217.2000, -13.4096, 7.7176

Rectangle

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



213.0570, 3.4229, -24.6060



214.1740, 12.7322, -23.8316



220.4590, -2.6913, 23.2765



219.0320, -11.8478, 20.1429

Sweetspot

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



213.0570, 3.4229, -24.6060



250.8850, 1.0427, -7.7921



210.8610, -12.7495, -17.4181



125.3800, 0.3057, -4.7183



0.0000, 0.0000, 0.0000



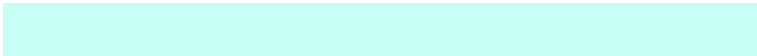
128.0000, 0.0000, 0.0000

Same Dimension

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



213.0570, 3.4229, -24.6060



237.3440, 4.7604, -33.6277



205.5230, 10.0952, -17.9987



108.5970, 1.1847, -6.6626



120.4120, 14.5869, -105.6013



32.8500, 4.0179, -28.8095

Inverse Universe

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



197.9430, -3.4229, 24.6060



216.6560, -4.7604, 33.6277



205.4770, -10.0952, 17.9987



104.5170, -0.7479, 6.5626



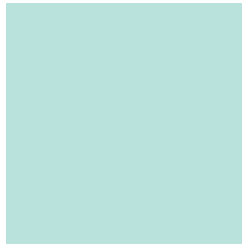
55.5880, -14.5869, 105.6013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 213.0570, 3.4229, -24.6060 looks on a white background.

Color Contrast Check

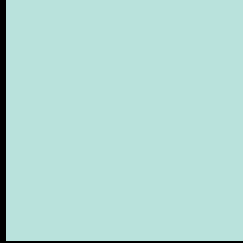
Large Text (above 18pt) WCAG AA × Fail

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 213.0570, 3.4229, -24.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

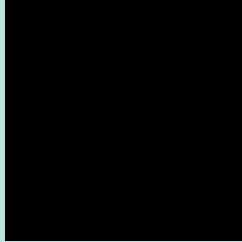
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

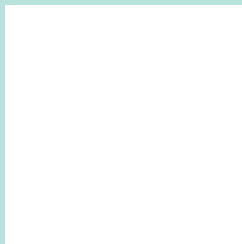
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.0570, 3.4229, -24.6060

Background



This preview shows how black text looks on a background with the YUV color 213.0570, 3.4229, -24.6060.



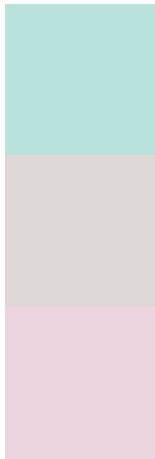
This preview shows how white text looks on a background with the YUV color 213.0570, 3.4229, -24.6060.

-24.6060.

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

213.0570, 3.4229, -24.6060

Protanopia

217.5660, -1.7580, 3.8886

Deuteranopia

219.5440, 1.7038, 13.5549



Tritanopia

214.8860, 12.8742, -22.7020

Trichromacy



Original Color

213.0570, 3.4229, -24.6060

Protanomaly

216.2550, -0.1257, -6.3626

Deuteranomaly

216.9830, 2.4734, 0.0149

Tritanomaly

214.2620, 9.2378, -23.0318

Monochromacy



Original Color

213.0570, 3.4229, -24.6060

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2870, 1.3375, -9.0217

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.0570, 3.4229, -24.6060 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(185, 226, 220)` looks like.

```
.text, #text, p{  
    color:rgb(185, 226, 220)  
}
```

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(185, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 220) }
```

Border

The CSS property to change the border of an element to YUV 213.0570, 3.4229, -24.6060 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(185, 226, 220) }
```


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

```
.border{ border-color:rgb(185, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 226, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 226, 220); box-shadow:4px 4px 4px 4px rgb(185, 226, 220) }
```

Background

The CSS property to change the background color of an element to YUV 213.0570, 3.4229, -24.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 220) }
```

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

```
.background{ background-color: rgb(185,  
226, 220) }
```

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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