

Converting Colors

YUV(213.8040, 13.9006,
-25.2611)

Have a look what the booklet for
YUV(213.8040, 13.9006, -25.2611)
contains.

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Color

**YUV(213.8040, 13.9006,
-25.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFF2
RGB	185, 223, 242
RGB Percent	73%, 87%, 95%
CMY	0.2745, 0.1255, 0.0510
CMYK	0.24, 0.08, 0.00, 0.05
HSL	200°, 69%, 84%
HSV	200°, 24%, 95%
XYZ	62.4223, 69.5004, 94.1293
YIQ	213.8040, -28.7470, -2.1470

Conversions

Conversions Part 2

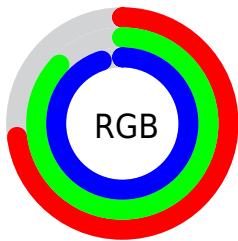
Format	Color
R _Y B	185, 208, 242
Decimal	12181490
CIE Lab	86.75, -8.28, -13.37
CIE LCh	87, 15.724, 238.227
Yxy	69.5004, 0.2761, 0.3075
Android (android.graphics.Color)	4290371570 (0xFFB9DFF2)
YUV	213.8040, 13.9006, -25.2611
Hunter-Lab	83.3669, -12.2375, -8.5873

Details

The YUV color **213.8040, 13.9006, -25.2611** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213.1960, -13.9006, 25.2611**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **158.9890, 13.3164, -24.5464** is the 20% darker color. If you saturate the color by 10%, you get **201.9320, 19.7535, -35.8974**, and if you desaturate by 10%, it is **225.6760, 8.0477, -14.6249**.

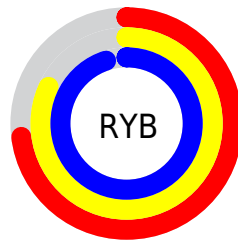
Distribution



Red (73%)

Green (87%)

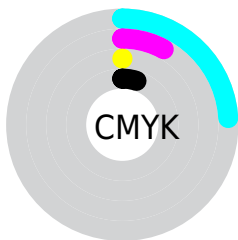
Blue (95%)



Red (73%)

Yellow (82%)

Blue (95%)

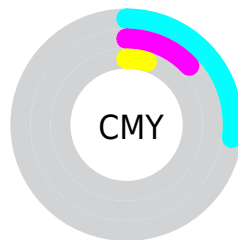


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8040, 13.9006, -25.2611 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 213.8040, 13.9006, -25.2611 by changing the saturation by 10% instead.

■ 213.8040, 13.9006,
-25.2611

■ 213.8040, 13.9006,
-25.2611

255.0000, 0.0000,
0.0000

■ 186.1030, 13.7532,
-24.6463

■ 251.1130, 1.9163,
-7.9921

■ 158.9890, 13.3164,
-24.5464

■ 132.2880, 13.1690,
-23.9316

■ 106.8750, 12.8796,
-24.4464

■ 82.1740, 12.7322,
-23.8316

■ 58.0490, 12.3008,
-25.4760

■ 33.8420, 12.8959,

-29.6794

■ 19.0070, 9.3635,
-16.6691

■ 2.5250, 7.1362,
-2.2144

■ 213.8040, 13.9006,
-25.2611

■ 213.8040, 13.9006,
-25.2611

■ 201.9320, 19.7535,
-35.8974

■ 225.6760, 8.0477,
-14.6249

■ 190.0600, 25.6064,
-46.5336

■ 237.5480, 2.1948,
-3.9886

■ 177.8890, 31.6067,
-57.7847

■ 248.8220, -3.3632,
5.4181

■ 166.0170, 37.4596,
-68.4209

■ 253.5180, -5.6784,
1.2997

■ 154.1450, 43.3125,
-79.0572

■ 142.2730, 49.1654,
-89.6934

■ 130.4010, 55.0183,
-100.3297

■ 122.0950, 59.1132,
-107.0773

Harmonies

Analogous

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



212.5170, 9.1121, -29.3944



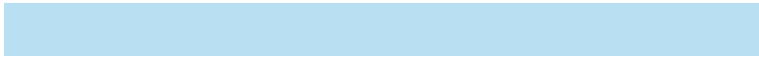
213.8040, 13.9006, -25.2611



216.5110, 15.0311, -14.4801

Triad

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



213.8040, 13.9006, -25.2611



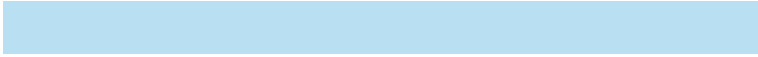
220.3280, -0.6547, 23.3913



215.4870, -12.0721, -1.3041

Complementary

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



213.8040, 13.9006, -25.2611



213.1960, -13.9006, 25.2611

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.



216.9940, -14.2940, 11.4063



213.8040, 13.9006, -25.2611



219.8030, -7.7909, 25.6058

Square

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



213.8040, 13.9006, -25.2611



219.8090, 6.5032, 14.1995



218.4020, -13.0162, 21.5724



213.3050, -6.0664, -14.2995

Rectangle

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



213.8040, 13.9006, -25.2611



217.8220, 13.3988, -4.2289



218.4020, -13.0162, 21.5724



215.8790, -13.2513, 3.6141

Sweetspot

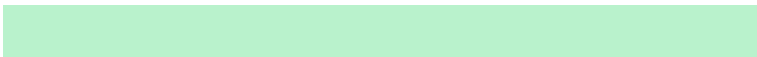
The Sweet Spot groups the original color and five complimentary colors.



213.8040, 13.9006, -25.2611



246.0960, 4.3897, -7.9772



220.6250, -8.1961, -31.2431



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



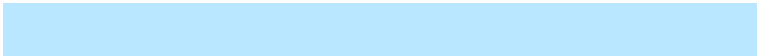
128.0000, 0.0000, 0.0000

Same Dimension

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



213.8040, 13.9006, -25.2611



219.6830, 17.4113, -31.2940



197.3680, 22.0036, -10.8467



114.0640, 2.9264, -5.3181



92.5900, 45.0651, -81.2014



28.1030, 13.7532, -24.6463

Inverse Universe

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



206.3750, 8.1961, 31.2431



210.5870, 10.0636, 38.9502



229.6320, -22.0036, 10.8467



112.5000, 1.7255, 6.5775



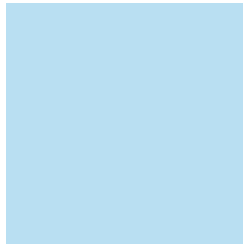
68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 213.8040, 13.9006, -25.2611 looks on a white background.

Color Contrast Check

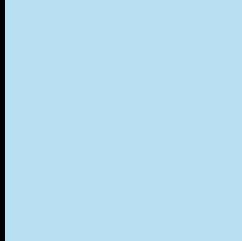
Large Text (above 18pt) WCAG AA × Fail

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 213.8040, 13.9006, -25.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

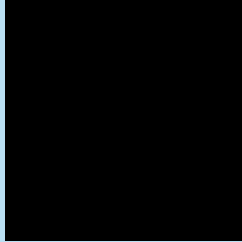
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

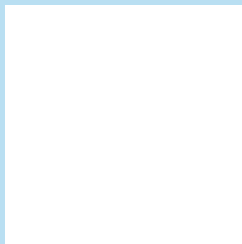
Any Text WCAG AAA ✓ Pass

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

YUV 213.8040, 13.9006, -25.2611 Background



This preview shows how black text looks on a background with the YUV color 213.8040, 13.9006, -25.2611.



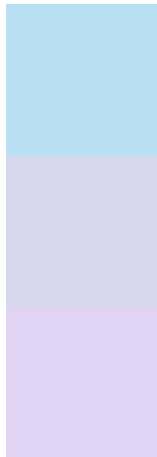
This preview shows how white text looks on a background with the YUV color 213.8040, 13.9006, -25.2611.

-25.2611.

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

213.8040, 13.9006, -25.2611

Protanopia

217.5080, 9.6096, -2.1995

Deuteranopia

218.9480, 12.3506, 5.3076



Tritanopia

213.6900, 13.4638, -25.1611

Trichromacy



Original Color

213.8040, 13.9006, -25.2611

Protanomaly

216.2080, 11.2365, -10.7064

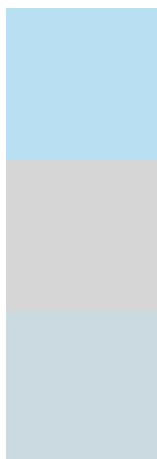
Deuteranomaly

216.6970, 12.9674, -5.8733

Tritanomaly

213.6900, 13.4638, -25.1611

Monochromacy



Original Color

213.8040, 13.9006, -25.2611

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.6120, 5.1213, -9.3067

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8040, 13.9006, -25.2611 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, 223, 242)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 242)  
}
```

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, 223, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 242) }
```

Border

The CSS property to change the border of an element to YUV 213.8040, 13.9006, -25.2611 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, 223, 242) }
```


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

```
.border{ border-color:rgb(185, 223, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 242);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 213.8040, 13.9006, -25.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 242) }
```

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

```
.background{ background-color: rgb(185,  
223, 242) }
```

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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