

Converting Colors

YUV(224.8200, 12.9067,
-33.1681)

Have a look what the booklet for
YUV(224.8200, 12.9067, -33.1681)
contains.

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Color

**YUV(224.8200, 12.9067,
-33.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEFFF
RGB	187, 239, 251
RGB Percent	73%, 94%, 98%
CMY	0.2667, 0.0627, 0.0157
CMYK	0.25, 0.05, 0.00, 0.02
HSL	191°, 89%, 86%
HSV	191°, 25%, 98%
XYZ	68.7726, 79.2628, 102.9413
YIQ	224.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

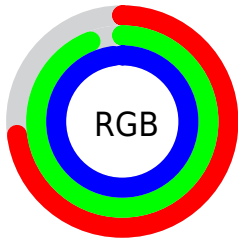
Format	Color
R _Y B	187, 216, 251
Decimal	12316667
CIE Lab	91.35, -13.85, -11.20
CIE LCh	91, 17.813, 218.967
Yxy	79.2628, 0.2740, 0.3158
Android (android.graphics.Color)	4290506747 (0xFFBBE9FB)
YUV	224.8200, 12.9067, -33.1681
Hunter-Lab	89.0297, -17.9163, -6.2338

Details

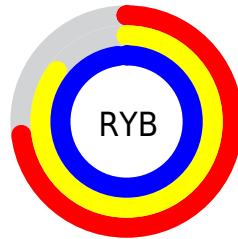
The YUV color $224.8200, 12.9067, -33.1681$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.1800, -12.9067, 33.1681$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.7110, 1.6215, -6.7625$, and $169.0050, 12.3225, -32.4534$ is the 20% darker color. If you saturate the color by 10%, you get $214.4100, 18.0389, -45.9636$, and if you desaturate by 10%, it is $235.2300, 7.7746, -20.3727$.

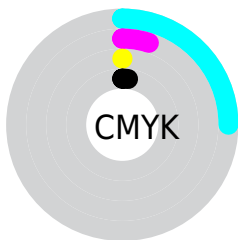
Distribution



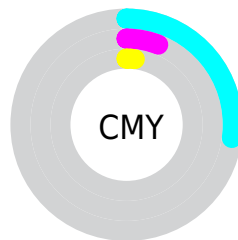
- Red (73%)
- Green (94%)
- Blue (98%)



- Red (73%)
- Yellow (85%)
- Blue (98%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.8200, 12.9067, -33.1681 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 224.8200, 12.9067, -33.1681 by changing the saturation by 10% instead.

■ 224.8200, 12.9067,
-33.1681

■ 224.8200, 12.9067,
-33.1681

255.0000, 0.0000,
0.0000

■ 196.7060, 12.4699,
-33.0682

■ 251.7110, 1.6215,
-6.7625

■ 169.0050, 12.3225,
-32.4534

■ 142.3040, 12.1751,
-31.8386

■ 116.3040, 12.1751,
-31.8386

■ 90.8910, 11.8857,
-32.3534

■ 65.9940, 12.3280,
-34.1977

■ 41.0970, 12.7702,

-36.0421

■ 26.2620, 9.2378,
-23.0318

■ 9.3070, 7.7366,
-8.1622

■ 224.8200, 12.9067,
-33.1681

■ 224.8200, 12.9067,
-33.1681

■ 214.4100, 18.0389,
-45.9636

■ 235.2300, 7.7746,
-20.3727

■ 204.5870, 22.8816,
-59.2738

■ 245.0530, 2.9319,
-7.0625

■ 194.1770, 28.0137,
-72.0692

■ 253.3700, -1.1684,
1.4295

■ 183.7670, 33.1459,
-84.8647

■ 254.5440, -1.7472,
0.3999

■ 173.0580, 38.4254,
-98.2749

■ 163.2350, 43.2681,
-111.5851

■ 152.8250, 48.4003,
-124.3805

■ 148.3620, 50.6005,
-130.1135

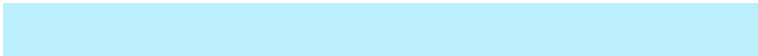
Harmonies

Analogous

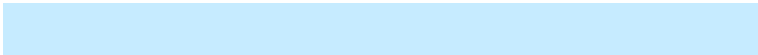
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.8820, 5.4812, -31.4685



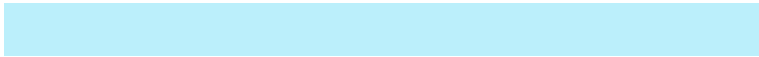
224.8200, 12.9067, -33.1681



226.2170, 14.1900, -24.7463

Triad

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



224.8200, 12.9067, -33.1681



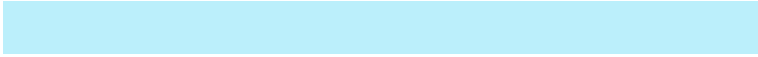
233.0870, 4.8871, 19.2177



229.5160, -16.0304, 8.3175

Complementary

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



224.8200, 12.9067, -33.1681



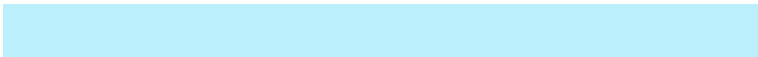
213.1800, -12.9067, 33.1681

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.



231.0060, -15.7790, 21.0427



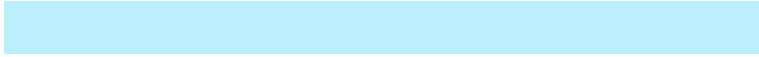
224.8200, 12.9067, -33.1681



229.9750, -1.9597, 21.9469

Square

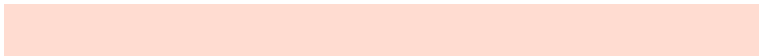
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



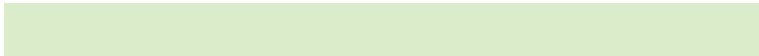
224.8200, 12.9067, -33.1681



232.3180, 11.1822, 6.7371



229.2110, -9.9640, 22.6170



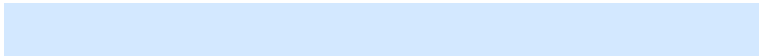
227.1550, -11.9084, -7.1519

Rectangle

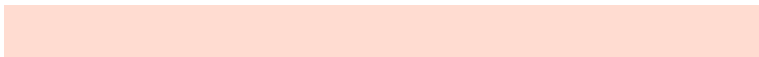
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



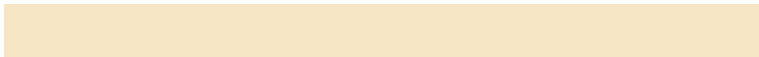
224.8200, 12.9067, -33.1681



228.3430, 13.1419, -15.2098



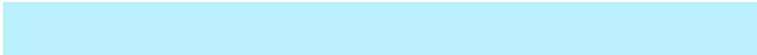
229.2110, -9.9640, 22.6170



230.0220, -16.7728, 13.1357

Sweetspot

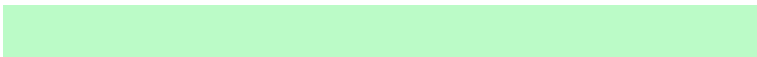
The Sweet Spot groups the original color and five complimentary colors.



224.8200, 12.9067, -33.1681



246.6720, 4.1057, -10.2363



225.9360, -13.2794, -34.1469



122.3520, 2.7845, -6.4477



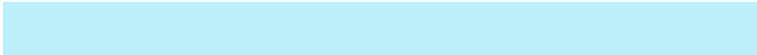
0.0000, 0.0000, 0.0000



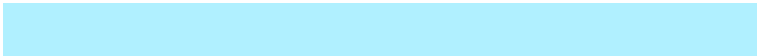
128.0000, 0.0000, 0.0000

Same Dimension

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



224.8200, 12.9067, -33.1681



222.5740, 15.9860, -40.8454



206.0360, 22.1673, -16.6946



119.9390, 2.4951, -6.9625



111.3570, 38.2780, -97.6601



36.3040, 12.1751, -31.8386

Inverse Universe

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



212.0640, 13.2794, 34.1469



206.9170, 16.3099, 42.1688



231.9640, -22.1673, 16.6946



117.1410, 2.8885, 6.8923



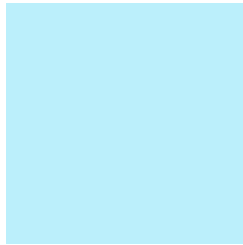
73.9530, 38.9702, 100.8962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 224.8200, 12.9067, -33.1681 looks on a white background.

Color Contrast Check

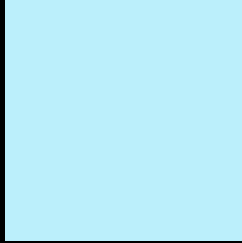
Large Text (above 18pt) WCAG AA × Fail

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 224.8200, 12.9067, -33.1681 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 224.8200, 12.9067, -33.1681 Background



This preview shows how black text looks on a background with the YUV color 224.8200, 12.9067, -33.1681.



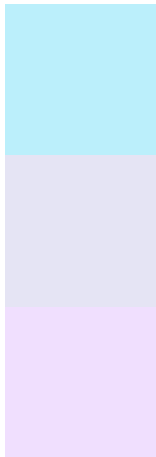
This preview shows how white text looks on a background with the YUV color 224.8200, 12.9067, -33.1681.

-33.1681.

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

224.8200, 12.9067, -33.1681

Protanopia

230.1230, 6.8414, -0.9849

Deuteranopia

231.6170, 11.0348, 7.3519



Tritanopia

225.5970, 14.4957, -29.4646

Trichromacy



Original Color

224.8200, 12.9067, -33.1681

Protanomaly

228.3280, 9.2053, -12.5657

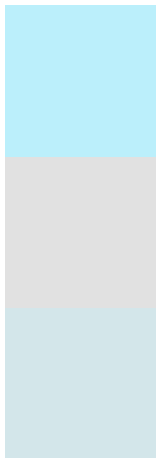
Deuteranomaly

229.3440, 11.6624, -7.3177

Tritanomaly

225.4720, 14.0643, -31.1089

Monochromacy



Original Color

224.8200, 12.9067, -33.1681

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.7750, 4.5479, -12.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.8200, 12.9067, -33.1681 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(187, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(187, 239, 251)  
}
```

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(187, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 239, 251) }
```

Border

The CSS property to change the border of an element to YUV 224.8200, 12.9067, -33.1681 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(187, 239, 251) }
```


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

```
.border{ border-color:rgb(187, 239, 251) }
```

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

Here you see how a box with a 4 pixel rgb(187, 239, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(187, 239,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 224.8200, 12.9067, -33.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 239, 251) }
```

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

```
.background{ background-color: rgb(187,  
239, 251) }
```

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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