

Converting Colors

YUV(229.2090, -17.3580,
-32.6323)

Have a look what the booklet for
YUV(229.2090, -17.3580, -32.6323)
contains.

YUV(229.2090, -17.3580, -32.6323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.2090, -17.3580,
-32.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFC2
RGB	192, 255, 194
RGB Percent	75%, 100%, 76%
CMY	0.2471, 0.0000, 0.2392
CMYK	0.25, 0.00, 0.24, 0.00
HSL	122°, 100%, 88%
HSV	122°, 25%, 100%
XYZ	67.2358, 86.6215, 64.2149
YIQ	229.2090, -17.9670, -32.3270

Conversions

Conversions Part 2

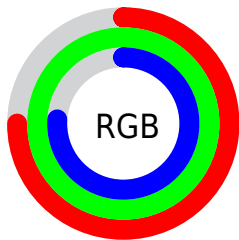
Format	Color
RYB	192, 253, 255
Decimal	12648386
CIELab	94.58, -31.12, 22.93
CIELCh	95, 38.653, 143.614
Yxy	86.6215, 0.3083, 0.3972
Android (android.graphics.Color)	4290838466 (0xFFC0FFC2)
YUV	229.2090, -17.3580, -32.6323
Hunter-Lab	93.0707, -33.9223, 24.2419

Details

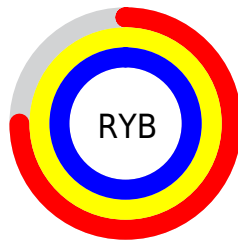
The YUV color **229.2090, -17.3580, -32.6323** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **217.7910, 17.3580, 32.6323**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.7500, -0.8628, -3.2887**, and **173.1490, -16.3425, -31.7027** is the 20% darker color. If you saturate the color by 10%, you get **218.8840, -24.5928, -45.5023**, and if you desaturate by 10%, it is **239.8330, -10.2707, -19.1475**.

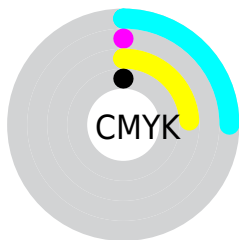
Distribution



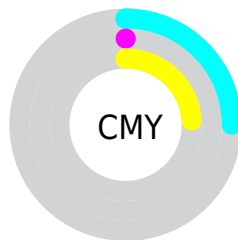
- Red (75%)
- Green (100%)
- Blue (76%)



- Red (75%)
- Yellow (99%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.2090, -17.3580, -32.6323 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 229.2090, -17.3580, -32.6323 by changing the saturation by 10% instead.

■ 229.2090,
-17.3580, -32.6323

■ 229.2090,
-17.3580, -32.6323

255.0000, 0.0000,
0.0000

■ 200.7360,
-16.6318, -32.2175

■ 252.7500, -0.8628,
-3.2887

■ 173.1490,
-16.3425, -31.7027

■ 146.5620,
-16.0531, -31.1879

■ 120.2030,
-14.8901, -30.8730

■ 94.4310, -14.0165,
-31.0730

■ 69.3600, -12.9955,
-31.8877

■ 43.1960, -10.9426,

-37.0059

■ 27.0020, -13.3120,
-23.6808

■ 14.6750, -7.2348,
-12.8700

■ 229.2090,
-17.3580, -32.6323

■ 229.2090,
-17.3580, -32.6323

■ 218.8840,
-24.5928, -45.5023

■ 239.8330,
-10.2707, -19.1475

■ 208.3740,
-31.2434, -59.0870

■ 250.0440, -3.4727,
-6.1776

■ 198.0490,
-38.4782, -71.9570

255.0000, 0.0000,
0.0000

■ 187.4250,
-45.5655, -85.4417

■ 177.2140,
-52.3635, -98.4117

■ 166.5900,
-59.4509, -111.8964

■ 156.2650,
-66.6856, -124.7664

■ 150.5970,
-70.3003, -132.0736

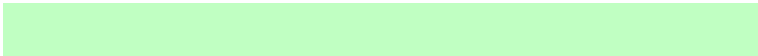
Harmonies

Analogous

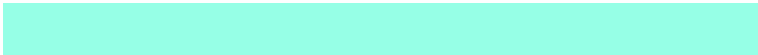
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.0470, -31.5752, 0.8358



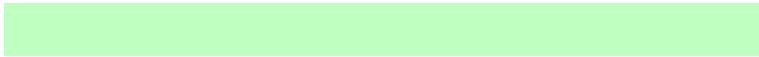
229.2090, -17.3580, -32.6323



220.7550, 4.5578, -62.0521

Triad

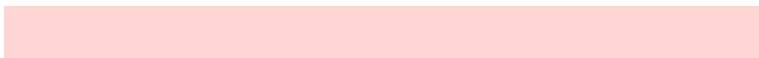
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.2090, -17.3580, -32.6323



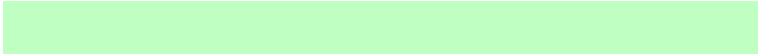
226.4060, 14.0968, -41.5751



225.3300, -7.0647, 26.0206

Complementary

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



229.2090, -17.3580, -32.6323



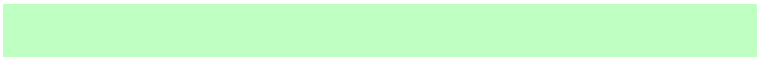
217.7910, 17.3580, 32.6323

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.



229.0750, 9.8230, 22.7362



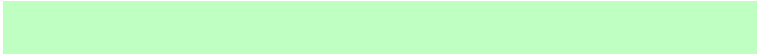
229.2090, -17.3580, -32.6323



235.8070, 9.4621, -1.5847

Square

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



229.2090, -17.3580, -32.6323



218.2230, 18.1311, -75.6176



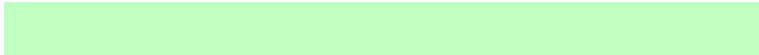
234.4550, 10.1287, 18.0180



227.1930, -22.7731, 24.3867

Rectangle

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



229.2090, -17.3580, -32.6323



216.7280, 18.8681, -78.6915



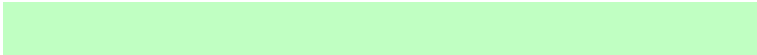
234.4550, 10.1287, 18.0180



226.2250, -1.0969, 25.2357

Sweetspot

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



229.2090, -17.3580, -32.6323



247.6800, -4.7722, -9.3664



247.5190, -27.3709, 5.6838



123.5710, -2.7465, -5.7628



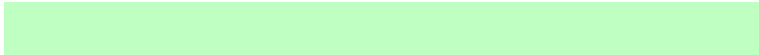
0.0000, 0.0000, 0.0000



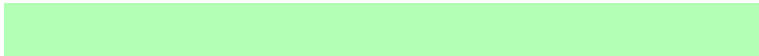
128.0000, 0.0000, 0.0000

Same Dimension

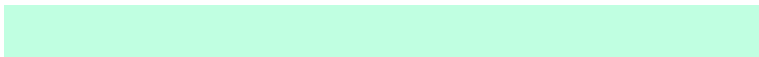
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.2090, -17.3580, -32.6323



223.8400, -21.1201, -39.3247



232.7430, -3.8173, -35.7316



122.6310, -3.7621, -6.6924



112.8010, -52.6529, -98.9265



37.7960, -17.6474, -33.1471

Inverse Universe

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



217.7910, 17.3580, 32.6323



210.1600, 21.1201, 39.3247



214.2570, 3.8173, 35.7316



120.2550, 3.3253, 6.7924



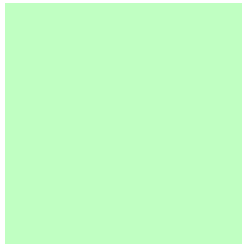
78.1990, 52.6529, 98.9265



26.2040, 17.6474, 33.1471

Previews

White Background



This preview shows how the YUV color 229.2090, -17.3580, -32.6323 looks on a white background.

Color Contrast Check

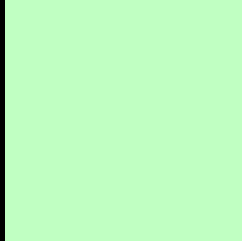
Large Text (above 18pt) WCAG AA × Fail

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 229.2090, -17.3580, -32.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

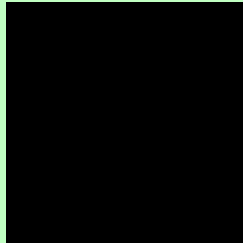
Any Text WCAG AA ✓ Pass

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 229.2090, -17.3580, -32.6323 Background



This preview shows how black text looks on a background with the YUV color 229.2090, -17.3580, -32.6323.



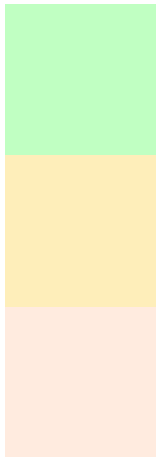
This preview shows how white text looks on a background with the YUV color 229.2090, -17.3580, -32.6323.

-32.6323.

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

229.2090, -17.3580, -32.6323

Protanopia

236.8560, -25.0720, 15.0353

Deuteranopia

239.6120, -8.1897, 13.4953



Tritanopia

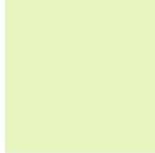
237.1920, 8.7793, -15.9544

Trichromacy



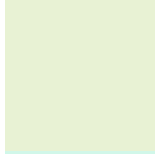
Original Color

229.2090, -17.3580, -32.6323



Protanomaly

233.8430, -22.1076, -2.4933



Deuteranomaly

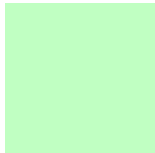
235.5900, -11.6299, -3.1484



Tritanomaly

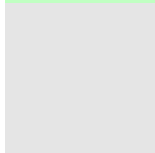
234.0420, -0.5137, -21.9618

Monochromacy



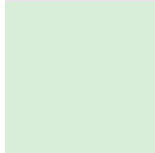
Original Color

229.2090, -17.3580, -32.6323



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.2090, -17.3580, -32.6323 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(192, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 194)  
}
```

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(192, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 194) }
```

Border

The CSS property to change the border of an element to YUV 229.2090, -17.3580, -32.6323 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(192, 255, 194) }
```


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

```
.border{ border-color:rgb(192, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(192, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 229.2090, -17.3580, -32.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 194) }
```

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

```
.background{ background-color: rgb(192,  
255, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor