

Converting Colors

YUV(209.6360, -28.4145,
-33.0068)

Have a look what the booklet for
YUV(209.6360, -28.4145, -33.0068)
contains.

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Color

**YUV(209.6360, -28.4145,
-33.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF098
RGB	172, 240, 152
RGB Percent	67%, 94%, 60%
CMY	0.3255, 0.0588, 0.4039
CMYK	0.28, 0.00, 0.37, 0.06
HSL	106°, 75%, 77%
HSV	106°, 37%, 94%
XYZ	53.8408, 73.3578, 41.0275
YIQ	209.6360, -12.2800, -41.7840

Conversions

Conversions Part 2

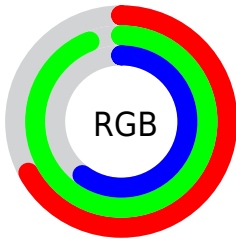
Format	Color
RYB	152, 240, 220
Decimal	11333784
CIELab	88.62, -37.23, 35.92
CIELCh	89, 51.734, 136.027
Yxy	73.3578, 0.3201, 0.4361
Android (android.graphics.Color)	4289523864 (0xFFACF098)
YUV	209.6360, -28.4145, -33.0068
Hunter-Lab	85.6492, -37.6773, 31.5534

Details

The YUV color **209.6360, -28.4145, -33.0068** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **182.3640, 28.4145, 33.0068**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7540, -17.1337, -11.1853**, and **154.3910, -26.8148, -32.7919** is the 20% darker color. If you saturate the color by 10%, you get **201.2190, -36.0970, -42.2881**, and if you desaturate by 10%, it is **218.0530, -20.7321, -23.7255**.

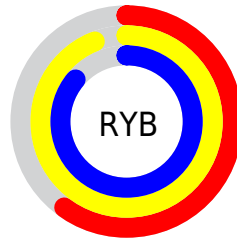
Distribution



Red (67%)

Green (94%)

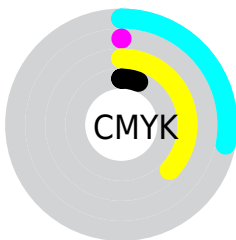
Blue (60%)



Red (60%)

Yellow (94%)

Blue (86%)

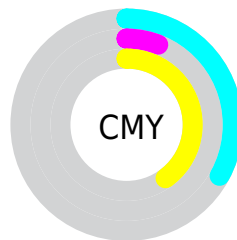


Cyan (28%)

Magenta (0%)

Yellow (37%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.6360, -28.4145, -33.0068 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 209.6360, -28.4145, -33.0068 by changing the saturation by 10% instead.

■ 209.6360,
-28.4145, -33.0068

■ 209.6360,
-28.4145, -33.0068

255.0000, 0.0000,
0.0000

■ 181.2770,
-27.2516, -32.6919

■ 241.7540,
-17.1337, -11.1853

■ 154.3910,
-26.8148, -32.7919

■ 252.8340, -8.2992,
1.8996

■ 127.3310,
-25.7992, -31.8623

■ 101.2600,
-24.7782, -32.6770

■ 74.7760, -24.0466,
-34.0066

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,

-28.8287

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 209.6360,
-28.4145, -33.0068

■ 209.6360,
-28.4145, -33.0068

■ 201.2190,
-36.0970, -42.2881

■ 218.0530,
-20.7321, -23.7255

■ 193.1010,
-43.9268, -50.9546

■ 226.1710,
-12.9023, -15.0590

■ 184.6840,
-51.6092, -60.2359

■ 234.5880, -5.2199,
-5.7777

■ 176.5660,
-59.4390, -68.9024

■ 242.7060, 2.6099,
2.8888

■ 168.1490,
-67.1215, -78.1837

■ 246.1950, 4.3409,
7.7220

■ 160.0310,
-74.9513, -86.8502

■ 157.3250,
-77.5612, -89.7390

Harmonies

Analogous

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



216.2580, -44.9902, 10.2977



209.6360, -28.4145, -33.0068



198.2440, -0.6133, -83.5290

Triad

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



209.6360, -28.4145, -33.0068



195.1320, 29.5149, -86.9388



206.8250, -4.3507, 42.2495

Complementary

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



209.6360, -28.4145, -33.0068



182.3640, 28.4145, 33.0068

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.



213.6990, 16.9104, 36.2210



209.6360, -28.4145, -33.0068



214.4440, 19.9941, -19.6834

Square

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



209.6360, -28.4145, -33.0068



172.2980, 40.7721, -151.1053



222.7150, 15.9165, 28.3139



207.6790, -26.4637, 41.5005

Rectangle

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



209.6360, -28.4145, -33.0068



178.4880, 25.8884, -137.2400



222.7150, 15.9165, 28.3139



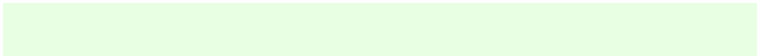
208.0620, 2.9274, 41.1646

Sweetspot

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



209.6360, -28.4145, -33.0068



245.2300, -8.9874, -10.7257



217.6410, -32.3610, 19.6088



122.1750, -5.5093, -6.2925



0.0000, 0.0000, 0.0000



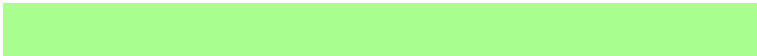
128.0000, 0.0000, 0.0000

Same Dimension

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



209.6360, -28.4145, -33.0068



216.2190, -36.0970, -42.2881



206.2780, -15.4201, -47.6018



115.9410, -3.9149, -4.3333



120.5660, -59.4390, -68.9024



36.7590, -18.1222, -20.8366

Inverse Universe

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



182.3640, 28.4145, 33.0068



181.7810, 36.0970, 42.2881



185.7220, 15.4201, 47.6018



112.0590, 3.9149, 4.3333



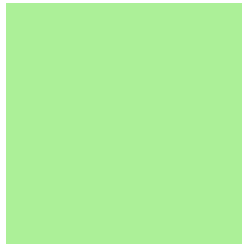
63.4340, 59.4390, 68.9024



19.2410, 18.1222, 20.8366

Previews

White Background



This preview shows how the YUV color 209.6360, -28.4145, -33.0068 looks on a white background.

Color Contrast Check

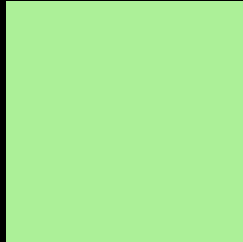
Large Text (above 18pt) WCAG AA × Fail

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 209.6360, -28.4145, -33.0068 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 209.6360, -28.4145, -33.0068 Background



This preview shows how black text looks on a background with the YUV color 209.6360, -28.4145, -33.0068.



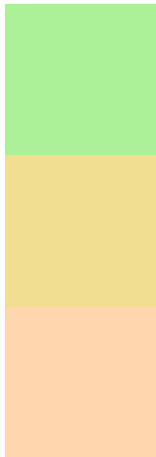
This preview shows how white text looks on a background with the YUV color 209.6360, -28.4145, -33.0068.

-33.0068.

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

209.6360, -28.4145, -33.0068

Protanopia

218.9030, -36.4342, 19.3791

Deuteranopia

221.6990, -23.5156, 29.2050



Tritanopia

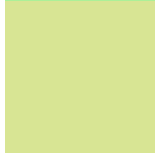
218.2060, 14.1954, -26.4907

Trichromacy



Original Color

209.6360, -28.4145, -33.0068



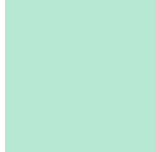
Protanomaly

215.8790, -33.4643, 0.1061



Deuteranomaly

217.1000, -25.1923, 6.9283



Tritanomaly

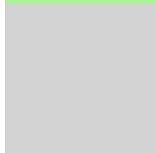
214.7700, -1.3656, -28.7393

Monochromacy



Original Color

209.6360, -28.4145, -33.0068



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.8770, -10.2924, -12.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6360, -28.4145, -33.0068 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(172, 240, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 152)  
}
```

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(172, 240, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 152) }
```

Border

The CSS property to change the border of an element to YUV 209.6360, -28.4145, -33.0068 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(172, 240, 152) }
```


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

```
.border{ border-color:rgb(172, 240, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 209.6360, -28.4145, -33.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 152) }
```

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

```
.background{ background-color: rgb(172,  
240, 152) }
```

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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