

Converting Colors

YUV(219.0940, -29.6263,
-17.6224)

Have a look what the booklet for
YUV(219.0940, -29.6263, -17.6224)
contains.

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Color

**YUV(219.0940, -29.6263,
-17.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	C7F19F
RGB	199, 241, 159
RGB Percent	78%, 95%, 62%
CMY	0.2196, 0.0549, 0.3765
CMYK	0.17, 0.00, 0.34, 0.05
HSL	91°, 75%, 78%
HSV	91°, 34%, 95%
XYZ	61.2665, 77.5559, 44.5416
YIQ	219.0940, 1.2900, -34.4060

Conversions

Conversions Part 2

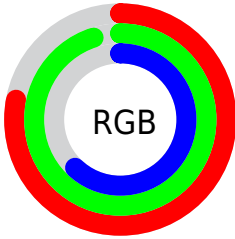
Format	Color
RYB	159, 241, 201
Decimal	13103519
CIELab	90.58, -27.47, 35.29
CIELCh	91, 44.717, 127.899
Yxy	77.5559, 0.3341, 0.4230
Android (android.graphics.Color)	4291293599 (0xFFC7F19F)
YUV	219.0940, -29.6263, -17.6224
Hunter-Lab	88.0658, -29.9346, 31.6586

Details

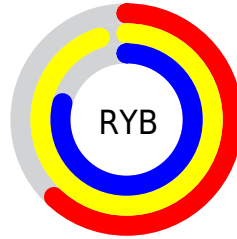
The YUV color **219.0940, -29.6263, -17.6224** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **180.9060, 29.6263, 17.6224**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.3260, -17.9087, 4.0991**, and **163.8490, -28.0266, -17.4076** is the 20% darker color. If you saturate the color by 10%, you get **212.7700, -38.3406, -22.6003**, and if you desaturate by 10%, it is **225.4180, -20.9121, -12.6446**.

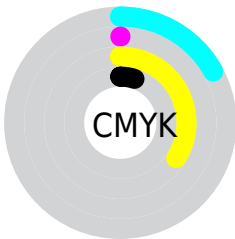
Distribution



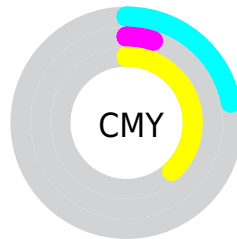
- Red (78%)
- Green (95%)
- Blue (62%)



- Red (62%)
- Yellow (95%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.0940, -29.6263, -17.6224 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 219.0940, -29.6263, -17.6224 by changing the saturation by 10% instead.

■ 219.0940,
-29.6263, -17.6224

■ 219.0940,
-29.6263, -17.6224

255.0000, 0.0000,
0.0000

■ 191.2080,
-29.1895, -17.7224

■ 250.3260,
-17.9087, 4.0991

■ 163.8490,
-28.0266, -17.4076

■ 253.6320, -5.2416,
1.1997

■ 136.9630,
-27.5898, -17.5076

■ 110.9030,
-26.5742, -16.5779

■ 85.7180, -25.9900,
-17.2927

■ 61.1910, -26.7162,
-17.7075

■ 39.4280, -19.4380,

-18.7924

■ 21.7190, -10.7075,
-19.0476

■ 2.3480, -1.1576,
-2.0592

■ 219.0940,
-29.6263, -17.6224

■ 219.0940,
-29.6263, -17.6224

■ 212.7700,
-38.3406, -22.6003

■ 225.4180,
-20.9121, -12.6446

■ 206.1470,
-46.9075, -28.1929

■ 232.0410,
-12.3452, -7.0520

■ 199.8230,
-55.6217, -33.1708

■ 238.3650, -3.6309,
-2.0741

■ 193.4990,
-64.3360, -38.1486

■ 244.6890, 5.0833,
2.9037

■ 186.8760,
-72.9029, -43.7413

■ 246.7820, 4.0515,
7.2072

■ 180.4380,
-82.0539, -48.6191

■ 176.7490,
-87.1373, -51.5229

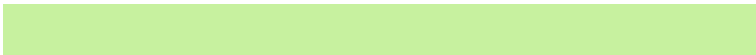
Harmonies

Analogous

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



224.1650, -40.5073, 19.1493



219.0940, -29.6263, -17.6224



212.2320, -8.9884, -57.2085

Triad

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



219.0940, -29.6263, -17.6224



204.6230, 24.8359, -79.4764



215.5620, 1.2019, 34.5871

Complementary

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



219.0940, -29.6263, -17.6224



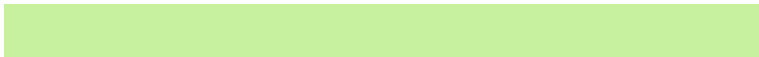
180.9060, 29.6263, 17.6224

Split Complementary

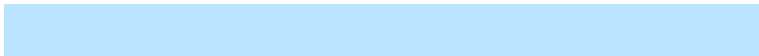
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7150, 15.9165, 28.3139



219.0940, -29.6263, -17.6224



218.5200, 17.9846, -28.5200

Square

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



219.0940, -29.6263, -17.6224



193.7710, 30.1859, -115.5632



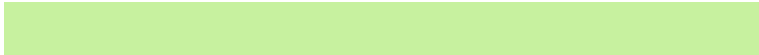
228.2530, 13.1863, 17.3181



214.4100, -18.4431, 35.5974

Rectangle

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



219.0940, -29.6263, -17.6224



205.6490, 8.5540, -83.8842



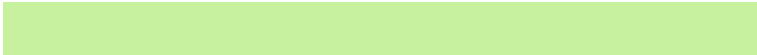
228.2530, 13.1863, 17.3181



217.2720, 7.7539, 33.0875

Sweetspot

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



219.0940, -29.6263, -17.6224



248.2630, -9.0037, -5.4927



207.5850, -23.9524, 29.3050



123.7840, -5.8095, -3.3186



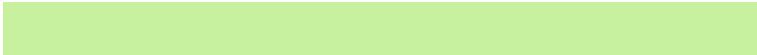
0.0000, 0.0000, 0.0000



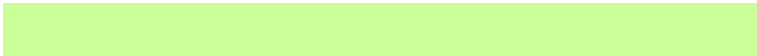
128.0000, 0.0000, 0.0000

Same Dimension

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



219.0940, -29.6263, -17.6224



226.8840, -37.9038, -22.7003



207.1340, -23.7301, -42.2135



116.8380, -4.3571, -2.4889



134.9180, -66.5146, -39.3931



40.9450, -20.1859, -12.2298

Inverse Universe

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



180.9060, 29.6263, 17.6224



178.1160, 37.9038, 22.7003



192.8660, 23.7301, 42.2135



111.1620, 4.3571, 2.4889



49.0820, 66.5146, 39.3931



15.0550, 20.1859, 12.2298

Previews

White Background



This preview shows how the YUV color 219.0940, -29.6263, -17.6224 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 219.0940, -29.6263, -17.6224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

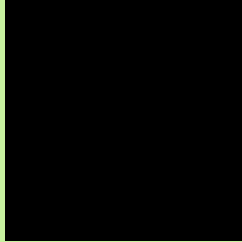
Any Text WCAG AA ✓ Pass

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 219.0940, -29.6263, -17.6224 Background



This preview shows how black text looks on a background with the YUV color 219.0940, -29.6263, -17.6224.



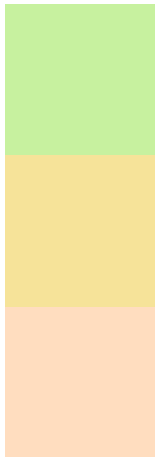
This preview shows how white text looks on a background with the YUV color 219.0940, -29.6263, -17.6224.

-17.6224.

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

219.0940, -29.6263, -17.6224

Protanopia

224.2450, -35.1238, 19.0791

Deuteranopia

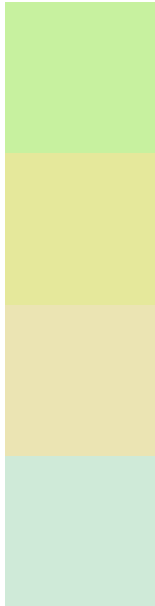
227.7460, -18.1158, 23.9018



Tritanopia

226.6700, 10.5157, -12.8656

Trichromacy



Original Color

219.0940, -29.6263, -17.6224

Protanomaly

222.3250, -33.1912, 5.8540

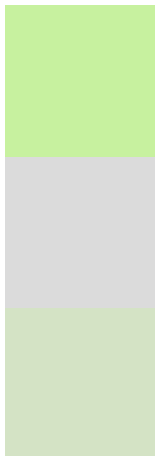
Deuteranomaly

224.5070, -22.4350, 9.2024

Tritanomaly

223.8750, -3.8824, -14.7994

Monochromacy



Original Color

219.0940, -29.6263, -17.6224

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.0950, -10.8928, -6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.0940, -29.6263, -17.6224 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(199, 241, 159)` looks like.

```
.text, #text, p{  
    color:rgb(199, 241, 159)  
}
```

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(199, 241, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 241, 159) }
```

Border

The CSS property to change the border of an element to YUV 219.0940, -29.6263, -17.6224 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(199, 241, 159) }
```


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

```
.border{ border-color:rgb(199, 241, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 241, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 241, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 241, 159); box-shadow:4px 4px 4px 4px rgb(199, 241, 159) }
```

Background

The CSS property to change the background color of an element to YUV 219.0940, -29.6263, -17.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 241, 159) }
```

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

```
.background{ background-color: rgb(199,  
241, 159) }
```

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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