

Converting Colors

YIQ(219.0210, 20.7290,
-28.7670)

Have a look what the booklet for
YIQ(219.0210, 20.7290, -28.7670)
contains.

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Color

**YIQ(219.0210, 20.7290,
-28.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE893
RGB	221, 232, 147
RGB Percent	87%, 91%, 58%
CMY	0.1334, 0.0902, 0.4234
CMYK	0.05, 0.00, 0.37, 0.09
HSL	68°, 65%, 74%
HSV	68°, 37%, 91%
XYZ	63.9399, 75.1925, 38.7629
YIQ	219.0210, 20.7290, -28.7670

Conversions

Conversions Part 2

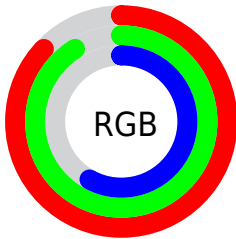
Format	Color
RYB	147, 232, 158
Decimal	14542995
CIELab	89.48, -16.56, 40.12
CIELCh	89, 43.403, 112.429
Yxy	75.1925, 0.3594, 0.4227
Android (android.graphics.Color)	4292733075 (0xFFDDE893)
YUV	219.0210, -35.5064, 1.7356
Hunter-Lab	86.7136, -20.1284, 34.1956

Details

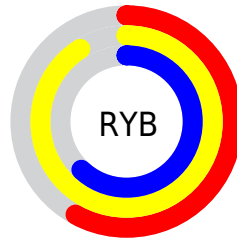
The YIQ color **219.0210, 20.7290, -28.7670** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159.9790, -20.7290, 28.7670**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **248.9580, 17.0130, -16.4830**, and **163.4770, 19.4450, -27.5230** is the 20% darker color. If you saturate the color by 10%, you get **215.5020, 26.3240, -36.5560**, and if you desaturate by 10%, it is **222.5400, 15.1340, -20.9780**.

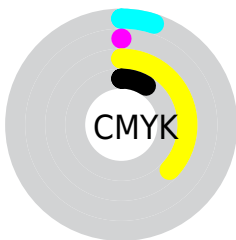
Distribution



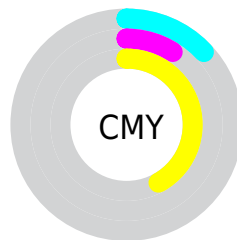
- Red (87%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0210, 20.7290, -28.7670 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 YIQ color 219.0210, 20.7290, -28.7670 by changing the saturation by 10% instead.

■ 219.0210, 20.7290,
-28.7670

■ 219.0210, 20.7290,
-28.7670

■ 255.0000, -0.0000,
-0.0000

■ 191.2490, 20.0870,
-28.1450

■ 248.9580, 17.0130,
-16.4830

■ 163.4770, 19.4450,
-27.5230

■ 252.1500, 8.0250,
-7.7750

■ 137.2920, 18.5280,
-27.4240

■ 111.1070, 17.6110,
-27.3250

■ 85.8080, 17.0150,
-27.5370

■ 62.2640, 15.7310,
-26.2930

■ 42.1740, 7.4770,

-19.8750

■ 21.7740, -2.8400,
-14.6160

■ 0.0000, 0.0000,
0.0000

■ 219.0210, 20.7290,
-28.7670

■ 219.0210, 20.7290,
-28.7670

■ 215.5020, 26.3240,
-36.5560

■ 222.5400, 15.1340,
-20.9780

■ 211.9830, 31.9190,
-44.3450

■ 226.0590, 9.5390,
-13.1890

■ 208.3500, 37.8350,
-52.4450

■ 229.6920, 3.6230,
-5.0890

■ 204.8310, 43.4300,
-60.2340

■ 233.2110, -1.9720,
2.7000

■ 201.3120, 49.0250,
-68.0230

■ 235.8180, -4.9990,
8.0010

■ 197.7930, 54.6200,
-75.8120

■ 236.7150, -3.2110,
8.6370

■ 196.5820, 56.5920,
-78.5120

■ 237.6120, -1.4230,
9.2730

■ 238.5090, 0.3650,
9.9090

■ 239.4060, 2.1530,
10.5450

Harmonies

Analogous

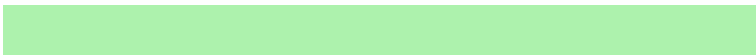
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.1000, 45.8520, -16.0040



219.0210, 20.7290, -28.7670



213.5030, -18.9750, -36.0870

Triad

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



219.0210, 20.7290, -28.7670



196.8380, -97.1490, -29.0290



217.1410, 22.5530, 26.3050

Complementary

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



219.0210, 20.7290, -28.7670



159.9790, -20.7290, 28.7670

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.



224.4760, 14.3000, 27.1960



219.0210, 20.7290, -28.7670



209.8050, -56.8510, -10.4430

Square

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



219.0210, 20.7290, -28.7670



196.1850, -105.6760, -34.1880



221.3210, -13.6650, 10.8710



212.9400, 35.7600, 12.7200

Rectangle

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



219.0210, 20.7290, -28.7670



208.6490, -48.6850, -37.3010



221.3210, -13.6650, 10.8710



219.9110, 17.5090, 29.6130

Sweetspot

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



219.0210, 20.7290, -28.7670



250.6120, 6.6040, -9.5560



178.2850, 47.9100, 12.7900



125.1650, 3.6690, -5.9230



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.



219.0210, 20.7290, -28.7670



237.7470, 27.0120, -38.0120



206.7620, -3.7070, -37.4590



113.0340, 2.6600, -4.1560



151.4180, 43.1550, -60.7570



43.0930, 12.1990, -17.3450

Inverse Universe

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



159.9790, -20.7290, 28.7670



159.9540, -27.6080, 37.8000



172.2380, 3.7070, 37.4590



104.9660, -2.6600, 4.1560



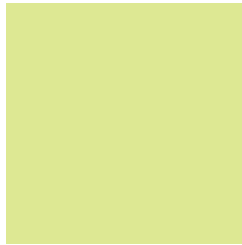
27.2830, -43.7510, 60.5450



7.9070, -12.1990, 17.3450

Previews

White Background



This preview shows how the YIQ color 219.0210, 20.7290, -28.7670 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 YIQ color 219.0210, 20.7290, -28.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

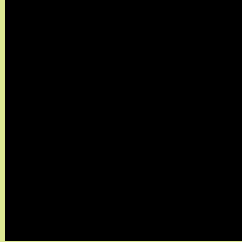
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

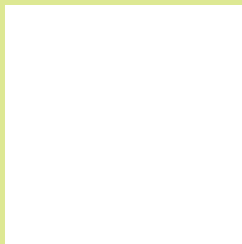
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.0210, 20.7290, -28.7670

Background



This preview shows how black text looks on a background with the YIQ color 219.0210, 20.7290, -28.7670.



This preview shows how white text looks on a background with the YIQ color 219.0210, 20.7290, -28.7670.

-28.7670.

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

219.0210, 20.7290, -28.7670

Protanopia

221.4470, 37.3250, -21.1630

Deuteranopia

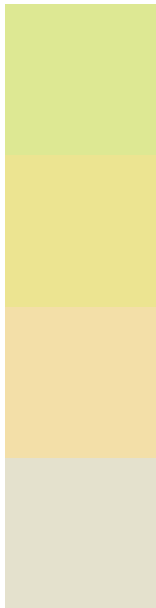
224.7310, 34.2500, -3.9740



Tritanopia

226.2270, 1.0990, 7.6190

Trichromacy



Original Color

219.0210, 20.7290, -28.7670

Protanomaly

220.9300, 31.4110, -24.1170

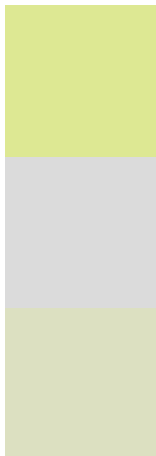
Deuteranomaly

222.7100, 29.5750, -12.8650

Tritanomaly

223.6170, 8.2080, -5.5840

Monochromacy



Original Color

219.0210, 20.7290, -28.7670

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.2700, 7.5670, -10.4890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0210, 20.7290, -28.7670 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(221, 232, 147)` looks like.

```
.text, #text, p{  
    color:rgb(221, 232, 147)  
}
```

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(221, 232, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 232, 147) }
```

Border

The CSS property to change the border of an element to YIQ 219.0210, 20.7290, -28.7670 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(221, 232, 147) }
```


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

```
.border{ border-color:rgb(221, 232, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 232, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 232, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 232, 147);  
box-shadow:4px 4px 4px 4px rgb(221, 232,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0210, 20.7290, -28.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 232, 147) }
```

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

```
.background{ background-color: rgb(221,  
232, 147) }
```

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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