

Converting Colors

YIQ(220.7900, 8.2580, -28.5260)

Have a look what the booklet for
YIQ(220.7900, 8.2580, -28.5260)
contains.

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Color

**YIQ(220.7900, 8.2580,
-28.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EDA3
RGB	211, 237, 163
RGB Percent	83%, 93%, 64%
CMY	0.1727, 0.0705, 0.3607
CMYK	0.11, 0.00, 0.31, 0.07
HSL	81°, 67%, 78%
HSV	81°, 31%, 93%
XYZ	63.7563, 77.0646, 46.1758
YIQ	220.7900, 8.2580, -28.5260

Conversions

Conversions Part 2

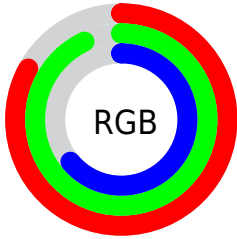
Format	Color
RYB	163, 237, 189
Decimal	13888931
CIELab	90.35, -20.72, 33.10
CIELCh	90, 39.054, 122.047
Yxy	77.0646, 0.3409, 0.4121
Android (android.graphics.Color)	4292079011 (0xFFD3EDA3)
YUV	220.7900, -28.4905, -8.5858
Hunter-Lab	87.7864, -23.9878, 30.2639

Details

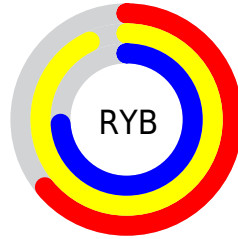
The YIQ color $220.7900, 8.2580, -28.5260$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $179.2100, -8.2580, 28.5260$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, 11.8770, -11.5070$, and $165.5450, 7.5700, -27.0700$ is the 20% darker color. If you saturate the color by 10%, you get $215.6620, 11.1940, -37.6860$, and if you desaturate by 10%, it is $225.9180, 5.3220, -19.3660$.

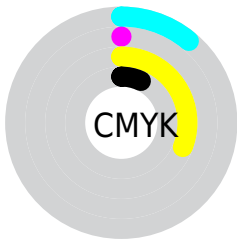
Distribution



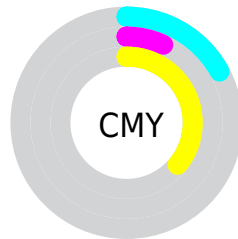
- Red (83%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.7900, 8.2580, -28.5260 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 220.7900, 8.2580, -28.5260 by changing the saturation by 10% instead.

■ 220.7900, 8.2580,
-28.5260

■ 220.7900, 8.2580,
-28.5260

255.0000, -0.0000,
-0.0000

■ 192.9040, 7.9370,
-28.2150

■ 250.7820, 11.8770,
-11.5070

■ 165.5450, 7.5700,
-27.0700

■ 254.0880, 2.5680,
-2.4880

■ 138.6590, 7.2490,
-26.7590

■ 112.8870, 6.6070,
-26.1370

■ 88.1150, 5.9650,
-25.5150

■ 64.0010, 6.2860,
-25.8260

■ 42.1410, 3.0760,

-22.7160

■ 20.8550, -7.5620,
-17.1460

■ 1.1740, -0.5500,
-1.0460

■ 220.7900, 8.2580,
-28.5260

■ 220.7900, 8.2580,
-28.5260

■ 215.6620, 11.1940,
-37.6860

■ 225.9180, 5.3220,
-19.3660

■ 210.3490, 13.2130,
-46.7470

■ 231.2310, 3.3030,
-10.3050

■ 205.2210, 16.1490,
-55.9070

■ 236.3590, 0.3670,
-1.1450

■ 200.0930, 19.0850,
-65.0670

■ 241.1450, -1.6060,
7.0820

■ 194.7800, 21.1040,
-74.1280

■ 243.8360, 3.7580,
8.9900

■ 189.6520, 24.0400,
-83.2880

■ 244.4340, 4.9500,
9.4140

■ 185.1650, 26.6090,
-91.3030

Harmonies

Analogous

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



225.0390, 38.6540, -17.7140



220.7900, 8.2580, -28.5260



215.5220, -29.1540, -33.3300

Triad

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



220.7900, 8.2580, -28.5260



208.8090, -71.8420, -19.6020



218.8220, 24.7090, 20.2690

Complementary

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



220.7900, 8.2580, -28.5260



179.2100, -8.2580, 28.5260

Split Complementary

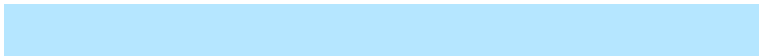
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.6500, 13.7500, 26.1500



220.7900, 8.2580, -28.5260



218.1990, -37.2290, -2.6130

Square

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



220.7900, 8.2580, -28.5260



204.5570, -88.9880, -28.2520



227.0130, -0.8740, 15.8460



217.0660, 35.1650, 6.9810

Rectangle

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



220.7900, 8.2580, -28.5260



210.8750, -55.0130, -32.7490



227.0130, -0.8740, 15.8460



220.8910, 20.2610, 23.7890

Sweetspot

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



220.7900, 8.2580, -28.5260



249.9860, 2.6150, -8.8490



200.3880, 36.9540, 2.0900



124.7950, 1.8350, -5.7250



0.0000, 0.0000, 0.0000



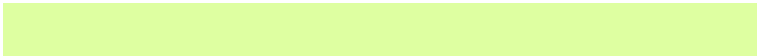
128.0000, -0.0000, -0.0000

Same Dimension

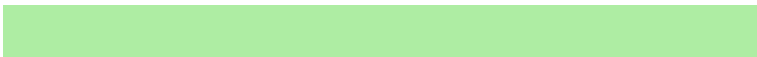
The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.7900, 8.2580, -28.5260



234.4170, 10.5060, -36.2300



209.7270, -13.7940, -36.3700



114.5500, 1.1470, -4.2690



141.2300, 19.9570, -69.8590



42.1630, 6.0100, -20.8220

Inverse Universe

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



179.2100, -8.2580, 28.5260



181.5830, -10.5060, 36.2300



190.2730, 13.7940, 36.3700



108.4500, -1.1470, 4.2690



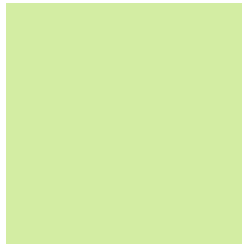
39.7700, -19.9570, 69.8590



11.8370, -6.0100, 20.8220

Previews

White Background



This preview shows how the YIQ color 220.7900, 8.2580, -28.5260 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 220.7900, 8.2580, -28.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

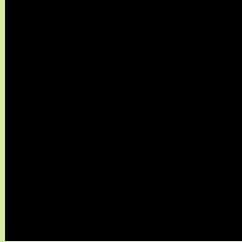
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.7900, 8.2580, -28.5260

Background



This preview shows how black text looks on a background with the YIQ color 220.7900, 8.2580, -28.5260.



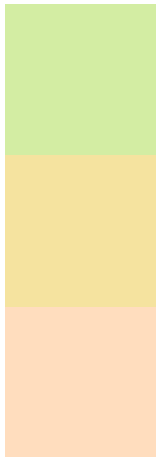
This preview shows how white text looks on a background with the YIQ color 220.7900, 8.2580, -28.5260.

-28.5260.

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

220.7900, 8.2580, -28.5260

Protanopia

224.6300, 32.5560, -17.3320

Deuteranopia

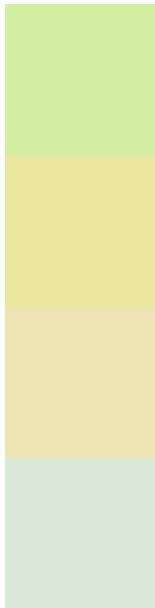
227.6320, 30.2150, -2.4330



Tritanopia

227.5570, -8.7580, 4.5380

Trichromacy



Original Color

220.7900, 8.2580, -28.5260

Protanomaly

223.5040, 23.9830, -21.6570

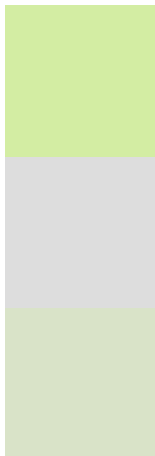
Deuteranomaly

225.2300, 22.2390, -12.0730

Tritanomaly

225.2890, -2.6120, -7.7320

Monochromacy



Original Color

220.7900, 8.2580, -28.5260

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9320, 2.7070, -10.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.7900, 8.2580, -28.5260 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(211, 237, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 163)  
}
```

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(211, 237, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 163) }
```

Border

The CSS property to change the border of an element to YIQ 220.7900, 8.2580, -28.5260 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(211, 237, 163) }
```


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

```
.border{ border-color:rgb(211, 237, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 237, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 220.7900, 8.2580, -28.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 163) }
```

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

```
.background{ background-color: rgb(211,  
237, 163) }
```

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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