

Converting Colors

YIQ(220.9560, 28.5220,
-21.3180)

Have a look what the booklet for
YIQ(220.9560, 28.5220, -21.3180)
contains.

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Color

**YIQ(220.9560, 28.5220,
-21.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE399
RGB	235, 227, 153
RGB Percent	92%, 89%, 60%
CMY	0.0785, 0.1098, 0.3998
CMYK	0.00, 0.03, 0.35, 0.08
HSL	54°, 67%, 76%
HSV	54°, 35%, 92%
XYZ	67.4801, 74.8986, 41.0561
YIQ	220.9560, 28.5220, -21.3180

Conversions

Conversions Part 2

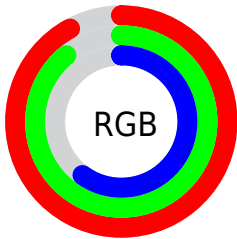
Format	Color
RYB	162, 235, 153
Decimal	15459225
CIELab	89.35, -8.03, 37.14
CIELCh	89, 37.998, 102.194
Yxy	74.8986, 0.3679, 0.4083
Android (android.graphics.Color)	4293649305 (0xFFE3E3)
YUV	220.9560, -33.5023, 12.3166
Hunter-Lab	86.5440, -12.2717, 32.4538

Details

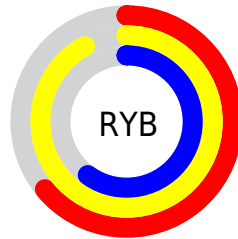
The YIQ color **220.9560, 28.5220, -21.3180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167.0440, -28.5220, 21.3180**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6420, 15.0870, -14.6170**, and **165.7000, 26.3670, -20.8090** is the 20% darker color. If you saturate the color by 10%, you get **217.1600, 36.4550, -27.4250**, and if you desaturate by 10%, it is **224.8660, 20.2680, -14.9000**.

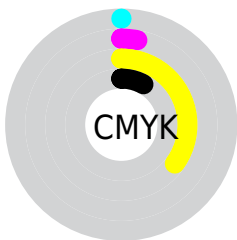
Distribution



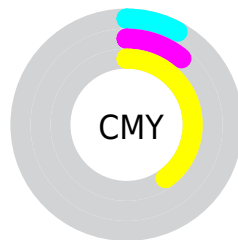
- Red (92%)
- Green (89%)
- Blue (60%)



- Red (64%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.9560, 28.5220, -21.3180 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 220.9560, 28.5220, -21.3180 by changing the saturation by 10% instead.

■ 220.9560, 28.5220,
-21.3180

■ 220.9560, 28.5220,
-21.3180

255.0000, -0.0000,
-0.0000

■ 192.8850, 27.2840,
-20.9080

■ 249.6420, 15.0870,
-14.6170

■ 165.7000, 26.3670,
-20.8090

■ 252.9480, 5.7780,
-5.5980

■ 138.9280, 25.7250,
-20.1870

■ 113.4440, 24.2120,
-20.3000

■ 88.2590, 23.2950,
-20.2010

■ 64.3190, 23.0660,
-21.5580

■ 43.4140, 15.7290,

-15.2390

■ 23.9110, 7.2000,
-9.3440

■ 0.0000, 0.0000,
0.0000

■ 220.9560, 28.5220,
-21.3180

■ 220.9560, 28.5220,
-21.3180

■ 217.1600, 36.4550,
-27.4250

■ 224.8660, 20.2680,
-14.9000

■ 212.6630, 44.9840,
-33.3200

■ 229.2490, 12.0600,
-9.3160

■ 208.8670, 52.9170,
-39.4270

■ 233.1590, 3.8060,
-2.8980

■ 204.9570, 61.1710,
-45.8450

■ 236.9550, -4.1270,
3.2090

■ 201.1610, 69.1040,
-51.9520

■ 239.0410, -7.2450,
4.6510

■ 196.6640, 77.6330,
-57.8470

■ 240.8020, -8.0700,
3.0820

■ 194.7090, 81.7600,
-61.0560

■ 241.9760, -8.6200,
2.0360

■ 243.1500, -9.1700,
0.9900

■ 244.9110, -9.9950,
-0.5790

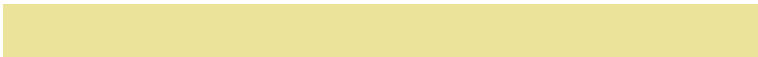
Harmonies

Analogous

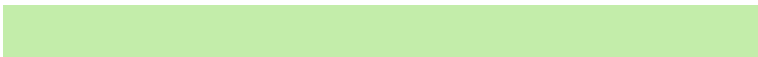
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.2340, 42.7790, -9.8690



220.9560, 28.5220, -21.3180



216.8040, -3.5250, -29.7410

Triad

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



220.9560, 28.5220, -21.3180



203.4160, -84.0370, -24.3650



221.9170, 17.3720, 26.5880

Complementary

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



220.9560, 28.5220, -21.3180



167.0440, -28.5220, 21.3180

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.



226.4920, 8.2030, 22.0510



220.9560, 28.5220, -21.3180



209.7830, -59.7850, -12.3370

Square

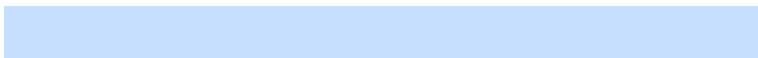
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.9560, 28.5220, -21.3180



205.4460, -75.5540, -29.4260



219.4720, -24.5760, 4.8640



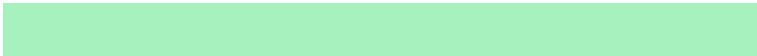
215.9380, 30.0740, 16.6500

Rectangle

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



220.9560, 28.5220, -21.3180



212.7610, -28.3290, -31.7610



219.4720, -24.5760, 4.8640



224.4760, 14.3000, 27.1960

Sweetspot

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



220.9560, 28.5220, -21.3180



250.9760, 8.5750, -6.7290



178.4300, 46.3040, 19.8720



125.0020, 5.6860, -3.9300



0.0000, 0.0000, 0.0000



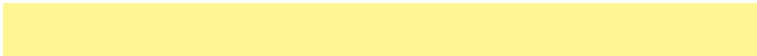
128.0000, -0.0000, -0.0000

Same Dimension

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



220.9560, 28.5220, -21.3180



236.9320, 37.0970, -28.0470



215.7850, 6.6540, -32.4980



115.1590, 3.8060, -2.8980



149.8000, 63.0510, -46.8770



44.3220, 18.9840, -13.6560

Inverse Universe

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



167.0440, -28.5220, 21.3180



166.0680, -37.0970, 28.0470



172.2150, -6.6540, 32.4980



107.8410, -3.8060, 2.8980



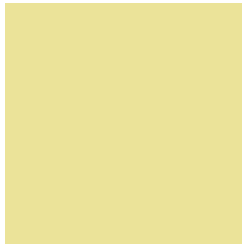
31.2000, -63.0510, 46.8770



9.0910, -18.7090, 14.1790

Previews

White Background



This preview shows how the YIQ color 220.9560, 28.5220, -21.3180 looks on a white background.

Color Contrast Check

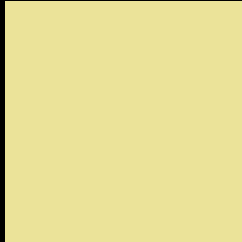
Large Text (above 18pt) WCAG AA × Fail

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 220.9560, 28.5220, -21.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

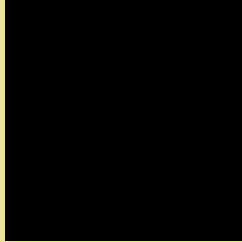
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.9560, 28.5220, -21.3180

Background



This preview shows how black text looks on a background with the YIQ color 220.9560, 28.5220, -21.3180.



This preview shows how white text looks on a background with the YIQ color 220.9560, 28.5220,

-21.3180.

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

220.9560, 28.5220, -21.3180

Protanopia

221.4730, 34.4360, -18.3640

Deuteranopia

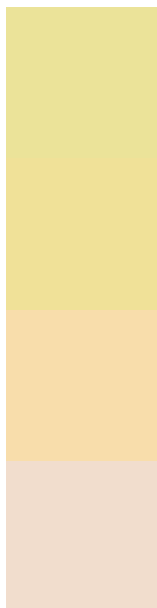
224.8450, 33.9290, -3.6630



Tritanopia

227.0110, 10.6350, 11.0110

Trichromacy



Original Color

220.9560, 28.5220, -21.3180

Protanomaly

221.1630, 32.3730, -19.5230

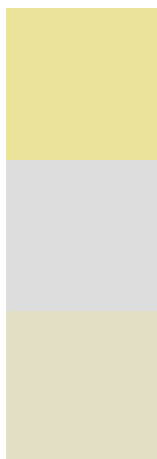
Deuteranomaly

223.3730, 32.1420, -9.8260

Tritanomaly

225.1560, 17.0560, -0.7360

Monochromacy



Original Color

220.9560, 28.5220, -21.3180

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8190, 10.4550, -7.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.9560, 28.5220, -21.3180 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(235, 227, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 153)  
}
```

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(235, 227, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 153) }
```

Border

The CSS property to change the border of an element to YIQ 220.9560, 28.5220, -21.3180 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(235, 227, 153) }
```


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

```
.border{ border-color:rgb(235, 227, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 227, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 227, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 227, 153); box-shadow:4px 4px 4px 4px rgb(235, 227, 153) }
```

Background

The CSS property to change the background color of an element to YIQ 220.9560, 28.5220, -21.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 153) }
```

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

```
.background{ background-color: rgb(235,  
227, 153) }
```

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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