

Converting Colors

YIQ(221.3590, 9.5350, 8.9190)

Have a look what the booklet for
YIQ(221.3590, 9.5350, 8.9190)
contains.

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Color

**YIQ(221.3590, 9.5350,
8.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD5E2
RGB	236, 213, 226
RGB Percent	93%, 84%, 89%
CMY	0.0744, 0.1647, 0.1137
CMYK	0.00, 0.10, 0.04, 0.07
HSL	326°, 38%, 88%
HSV	326°, 10%, 93%
XYZ	72.1177, 70.9106, 81.8427
YIQ	221.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

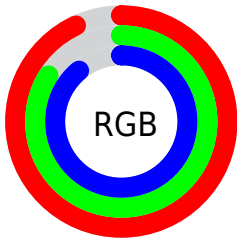
Format	Color
R _Y B	236, 213, 226
Decimal	15521250
CIE Lab	87.44, 10.17, -3.50
CIE LCh	87, 10.757, 341.022
Yxy	70.9106, 0.3207, 0.3153
Android (android.graphics.Color)	4293711330 (0xFFECD5E2)
YUV	221.3590, 2.2880, 12.8402
Hunter-Lab	84.2085, 5.5059, 1.3216

Details

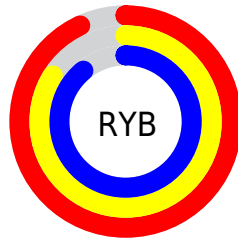
The YIQ color $221.3590, 9.5350, 8.9190$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.6410, -9.5350, -8.9190$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.0600, 8.9390, 8.7070$ is the 20% darker color. If you saturate the color by 10%, you get $206.1310, 19.3450, 18.3610$, and if you desaturate by 10%, it is $236.5870, -0.2750, -0.5230$.

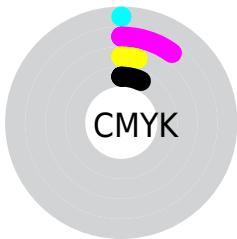
Distribution



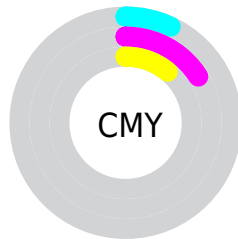
- Red (93%)
- Green (84%)
- Blue (89%)



- Red (93%)
- Yellow (84%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3590, 9.5350, 8.9190 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 221.3590, 9.5350, 8.9190 by changing the saturation by 10% instead.

221.3590, 9.5350,
8.9190

221.3590, 9.5350,
8.9190

255.0000, -0.0000,
-0.0000

193.3590, 9.5350,
8.9190

166.0600, 8.9390,
8.7070

139.6470, 8.6640,
8.1840

114.3480, 8.0680,
7.9720

89.9350, 7.7930,
7.4490

66.5220, 7.5180,
6.9260

44.2230, 6.9220,

6.7140

■ 22.9240, 6.3260,
6.5020

■ 0.0000, 0.0000,
0.0000

■ 221.3590, 9.5350,
8.9190

■ 221.3590, 9.5350,
8.9190

■ 206.1310, 19.3450,
18.3610

■ 236.5870, -0.2750,
-0.5230

■ 191.3760, 29.2010,
26.9690

■ 248.4070, -8.7560,
-6.5160

■ 176.1480, 39.0110,
36.4110

■ 249.3190,
-11.3240, -4.0280

■ 161.5070, 48.5460,
45.3300

■ 146.2790, 58.3560,
54.7720

■ 130.9370, 68.4870,
63.9030

■ 116.2960, 78.0220,
72.8220

■ 101.0680, 87.8320,
82.2640

■ 86.4270, 97.3670,
91.1830

Harmonies

Analogous

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



220.5690, 0.1360, 8.5520



221.3590, 9.5350, 8.9190



221.1270, 16.0000, 7.3920

Triad

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



221.3590, 9.5350, 8.9190



218.8020, 9.1250, -5.6830



216.2410, -19.8520, -3.6600

Complementary

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



221.3590, 9.5350, 8.9190



227.6410, -9.5350, -8.9190

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.



215.8020, -17.2380, -6.9820



221.3590, 9.5350, 8.9190



217.5450, -0.4570, -8.2410

Square

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



221.3590, 9.5350, 8.9190



219.5580, 15.8640, -1.1600



216.3420, -10.1310, -9.1310



217.8440, -17.0560, 0.7360

Rectangle

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



221.3590, 9.5350, 8.9190



220.9160, 17.9720, 4.6920



216.3420, -10.1310, -9.1310



216.1870, -19.7600, -5.3280

Sweetspot

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



221.3590, 9.5350, 8.9190



249.9620, 3.1630, 3.2510



218.6120, -1.4230, 9.2730



124.1360, 2.6130, 2.2050



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.



221.3590, 9.5350, 8.9190



235.3210, 12.6980, 12.1700



220.1050, 13.0660, 5.4980



109.9730, 4.6300, 4.1980



65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Inverse Universe

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



221.3590, 9.5350, 8.9190



235.3210, 12.6980, 12.1700



228.8950, -13.0660, -5.4980



109.9730, 4.6300, 4.1980



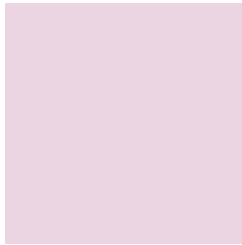
65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 221.3590, 9.5350, 8.9190 looks on a white background.

Color Contrast Check

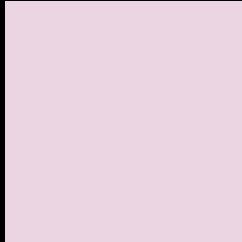
Large Text (above 18pt) WCAG AA × Fail

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 221.3590, 9.5350, 8.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

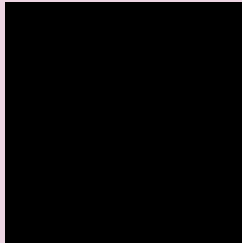
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.3590, 9.5350, 8.9190

Background



This preview shows how black text looks on a background with the YIQ color 221.3590, 9.5350, 8.9190.



This preview shows how white text looks on a background with the YIQ color 221.3590, 9.5350,

8.9190.

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

221.3590, 9.5350, 8.9190

Protanopia

219.8520, -2.3390, 3.8450

Deuteranopia

221.6580, 10.1310, 9.1310



Tritanopia

221.1140, 8.8470, 10.3750

Trichromacy



Original Color

221.3590, 9.5350, 8.9190

Protanomaly

220.3580, 2.1080, 5.8520

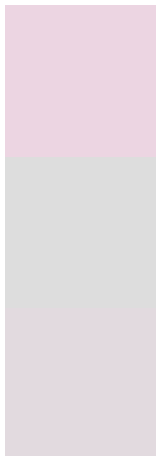
Deuteranomaly

221.6580, 10.1310, 9.1310

Tritanomaly

221.0000, 9.1680, 10.0640

Monochromacy



Original Color

221.3590, 9.5350, 8.9190

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3590, 9.5350, 8.9190 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(236, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 226)  
}
```

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(236, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 226) }
```

Border

The CSS property to change the border of an element to YIQ 221.3590, 9.5350, 8.9190 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(236, 213, 226) }
```


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

```
.border{ border-color:rgb(236, 213, 226) }
```

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

Here you see how a box with a 4 pixel rgb(236, 213, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(236, 213,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3590, 9.5350, 8.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 226) }
```

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

```
.background{ background-color: rgb(236,  
213, 226) }
```

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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