

Converting Colors

YIQ(211.1010, 1.6940, 13.3580)

Have a look what the booklet for
YIQ(211.1010, 1.6940, 13.3580)
contains.

YIQ(211.1010, 1.6940, 13.3580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(211.1010, 1.6940,
13.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCAE8
RGB	221, 202, 232
RGB Percent	87%, 79%, 91%
CMY	0.1333, 0.2079, 0.0902
CMYK	0.05, 0.13, 0.00, 0.09
HSL	278°, 39%, 85%
HSV	278°, 13%, 91%
XYZ	65.5073, 63.4380, 85.1329
YIQ	211.1010, 1.6940, 13.3580

Conversions

Conversions Part 2

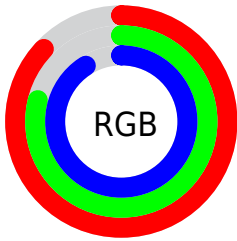
Format	Color
R _Y B	221, 202, 232
Decimal	14535400
CIE Lab	83.67, 12.04, -12.40
CIE LCh	84, 17.283, 314.145
Yxy	63.4380, 0.3060, 0.2963
Android (android.graphics.Color)	4292725480 (0xFFDDCAE8)
YUV	211.1010, 10.3032, 8.6814
Hunter-Lab	79.6480, 7.4252, -7.6194

Details

The YIQ color $211.1010, 1.6940, 13.3580$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $222.8990, -1.6940, -13.3580$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.5740, 1.7400, 12.5240$ is the 20% darker color. If you saturate the color by 10%, you get $195.2080, 3.2510, 23.6910$, and if you desaturate by 10%, it is $227.2930, 0.7330, 3.2370$.

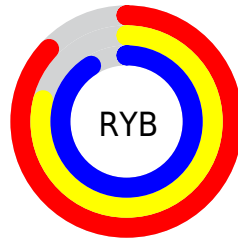
Distribution



Red (87%)

Green (79%)

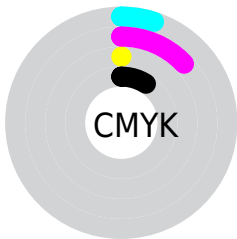
Blue (91%)



Red (87%)

Yellow (79%)

Blue (91%)

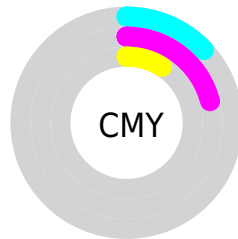


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.1010, 1.6940, 13.3580 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 211.1010, 1.6940, 13.3580 by changing the saturation by 10% instead.

■ 211.1010, 1.6940,
13.3580

■ 211.1010, 1.6940,
13.3580

255.0000, -0.0000,
-0.0000

■ 183.6880, 1.4190,
12.8350

■ 156.5740, 1.7400,
12.5240

■ 130.2750, 1.1440,
12.3120

■ 105.1610, 1.4650,
12.0010

■ 80.7480, 1.1900,
11.4780

■ 58.2210, 1.2360,
10.6440

■ 36.3950, 0.6860,

9.5980

■ 13.6450, 2.9780,
12.1140

■ 0.4560, -1.2840,
1.2440

■ 211.1010, 1.6940,
13.3580

■ 211.1010, 1.6940,
13.3580

■ 195.2080, 3.2510,
23.6910

■ 227.2930, 0.7330,
3.2370

■ 179.0160, 4.2120,
33.8120

■ 243.1860, -0.8240,
-7.0960

■ 162.5360, 6.0440,
44.6680

■ 249.6870, 2.0190,
-9.0610

■ 146.3440, 7.0050,
54.7890

■ 252.3780, 7.3830,
-7.1530

■ 130.4510, 8.5620,
65.1220

■ 114.2590, 9.5230,
75.2430

■ 98.3660, 11.0800,
85.5760

■ 81.5870, 12.3160,
96.2200

■ 70.4010, 13.1400,
103.3160

Harmonies

Analogous

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



208.9680, -14.1690, 8.9910



211.1010, 1.6940, 13.3580



211.6420, 16.2280, 14.2760

Triad

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



211.1010, 1.6940, 13.3580



209.3970, 23.5670, -3.0970



202.5230, -29.7540, -11.4340

Complementary

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



211.1010, 1.6940, 13.3580



222.8990, -1.6940, -13.3580

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.



203.2870, -17.4660, -13.8660



211.1010, 1.6940, 13.3580



207.1350, 12.3810, -9.6270

Square

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



211.1010, 1.6940, 13.3580



210.7770, 28.6090, 4.6490



205.6000, -2.2900, -13.5700



203.3580, -33.4230, -5.5110

Rectangle

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



211.1010, 1.6940, 13.3580



211.5950, 23.6100, 12.6500



205.6000, -2.2900, -13.5700



202.7360, -26.0400, -12.6640

Sweetspot

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



211.1010, 1.6940, 13.3580



247.9340, 0.3660, 4.3820



211.8770, -12.6550, 3.5770



122.9940, 0.1370, 3.0250



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.



211.1010, 1.6940, 13.3580



226.4480, 2.3350, 18.2630



213.9340, 9.5340, 14.4460



106.7600, 0.9160, 5.4280



54.1930, 9.8890, 79.6250



15.3820, 2.7010, 22.6450

Inverse Universe

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



212.2240, 14.3490, 9.7810



227.9690, 19.6210, 13.3570



220.0660, -9.5340, -14.4460



107.0440, 5.8680, 3.7880



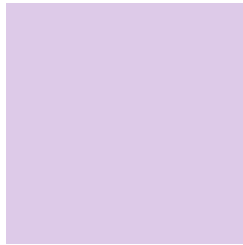
60.9310, 85.8190, 58.1630



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 211.1010, 1.6940, 13.3580 looks on a white background.

Color Contrast Check

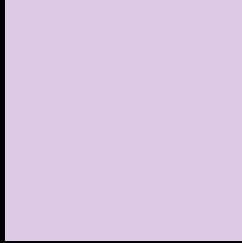
Large Text (above 18pt) WCAG AA × Fail

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 211.1010, 1.6940, 13.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

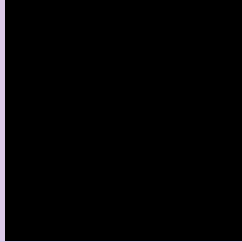
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.1010, 1.6940, 13.3580

Background



This preview shows how black text looks on a background with the YIQ color 211.1010, 1.6940, 13.3580.



This preview shows how white text looks on a background with the YIQ color 211.1010, 1.6940,

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

211.1010, 1.6940, 13.3580

Protanopia

209.2950, -10.7760, 8.0720

Deuteranopia

210.7910, -0.3690, 12.1990



Tritanopia

210.3090, 3.8040, 8.1560

Trichromacy



Original Color

211.1010, 1.6940, 13.3580

Protanomaly

209.8010, -6.3290, 10.0790

Deuteranomaly

211.0900, 0.2270, 12.4110

Tritanomaly

210.4770, 3.3910, 10.1350

Monochromacy



Original Color

211.1010, 1.6940, 13.3580

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.3470, 0.6410, 4.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.1010, 1.6940, 13.3580 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, 202, 232)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 232)  
}
```

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, 202, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 232) }
```

Border

The CSS property to change the border of an element to YIQ 211.1010, 1.6940, 13.3580 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, 202, 232) }
```


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

```
.border{ border-color:rgb(221, 202, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 232);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 211.1010, 1.6940, 13.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 232) }
```

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

```
.background{ background-color: rgb(221,  
202, 232) }
```

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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