

Converting Colors

YIQ(251.7910, 7.6580, -6.6300)

Have a look what the booklet for
YIQ(251.7910, 7.6580, -6.6300)
contains.

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Color

**YIQ(251.7910, 7.6580,
-6.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFE08
RGB	255, 254, 232
RGB Percent	100%, 100%, 91%
CMY	0.0000, 0.0039, 0.0901
CMYK	0.00, 0.00, 0.09, 0.00
HSL	57°, 100%, 95%
HSV	57°, 9%, 100%
XYZ	91.2478, 97.9697, 90.4537
YIQ	251.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

Format	Color
R_{YB}	233, 255, 232
Decimal	16776936
CIE Lab	99.21, -3.35, 10.63
CIE LCh	99, 11.140, 107.478
Yxy	97.9697, 0.3263, 0.3503
Android (android.graphics.Color)	4294967016 (0xFFFFFEE8)
YUV	251.7910, -9.7570, 2.8143
Hunter-Lab	98.9796, -8.6579, 15.1029

Details

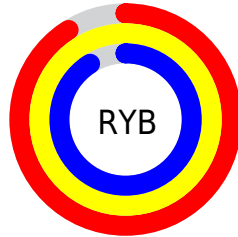
The YIQ color 251.7910, 7.6580, -6.6300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 235.2090, -7.6580, 6.6300, and the grayscale version is 252.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.9050, 7.3370, -6.3190 is the 20% darker color. If you saturate the color by 10%, you get 248.3540, 15.9580, -13.8820, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



- Red (100%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (91%)



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





- Cyan (0%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 251.7910, 7.6580, -6.6300 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 251.7910, 7.6580, -6.6300 by changing the saturation by 10% instead.


 251.7910, 7.6580,
-6.6300


 251.7910, 7.6580,
-6.6300


255.0000, -0.0000,
-0.0000


 222.9050, 7.3370,
-6.3190

 194.9050, 7.3370,
-6.3190

 168.0190, 7.0160,
-6.0080

 141.7200, 6.4200,
-6.2200

 116.1330, 6.6950,
-5.6970

 91.2470, 6.3740,
-5.3860

 67.9480, 5.7780,

-5.5980

■ 46.0620, 5.4570,
-5.2870

■ 24.8340, 6.0990,
-5.9090

■ 251.7910, 7.6580,
-6.6300

■ 251.7910, 7.6580,
-6.6300

■ 248.3540, 15.9580,
-13.8820

255.0000, -0.0000,
-0.0000

■ 244.8030, 24.5790,
-21.4450

■ 241.3660, 32.8790,
-28.6970

■ 237.8150, 41.5000,
-36.2600

■ 233.7910, 50.0750,
-42.9890

■ 230.2400, 58.6960,
-50.5520

■ 226.8030, 66.9960,
-57.8040

■ 223.2520, 75.6170,
-65.3670

■ 219.8150, 83.9170,
-72.6190

Harmonies

Analogous

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



249.4430, 8.7580, -4.5380



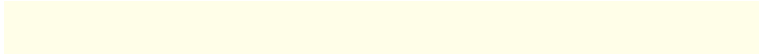
251.7910, 7.6580, -6.6300



249.1750, -2.2910, -8.0430

Triad

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



251.7910, 7.6580, -6.6300



246.9270, -16.0920, -5.7240



249.7170, 2.4750, 4.7070

Complementary

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



251.7910, 7.6580, -6.6300



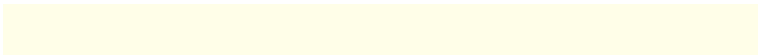
235.2090, -7.6580, 6.6300

Split Complementary

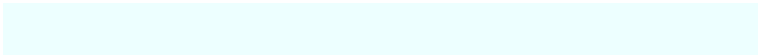
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.8910, 1.9250, 3.6610



251.7910, 7.6580, -6.6300



249.6180, -10.7280, -3.8160

Square

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



251.7910, 7.6580, -6.6300



246.3290, -17.2840, -6.1480



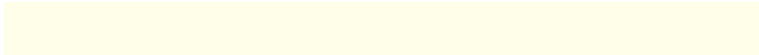
250.8580, -2.4760, 0.8200



248.8050, 5.0430, 2.2190

Rectangle

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



251.7910, 7.6580, -6.6300



247.7660, -8.3890, -7.6610



250.8580, -2.4760, 0.8200



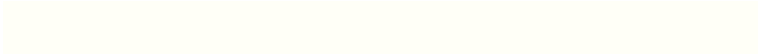
249.7170, 2.4750, 4.7070

Sweetspot

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



251.7910, 7.6580, -6.6300



254.0880, 2.5680, -2.4880



238.9910, 13.3870, 5.1870



126.7290, 2.2010, -1.3430



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.



251.7910, 7.6580, -6.6300



251.2210, 9.2630, -8.1850



249.3880, 1.4230, -9.2730



125.9310, 4.4480, -3.5200



164.5300, 63.5110, -55.2170



54.9430, 21.3690, -18.3350

Inverse Universe

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



235.2090, -7.6580, 6.6300



230.7790, -9.2630, 8.1850



237.6120, -1.4230, 9.2730



116.4820, -4.1730, 4.0430



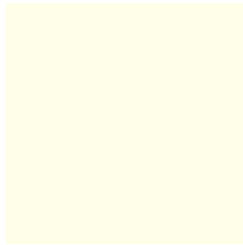
26.4700, -63.5110, 55.2170



9.0570, -21.3690, 18.3350

Previews

White Background



This preview shows how the YIQ color 251.7910, 7.6580, -6.6300 looks on a white background.

Color Contrast Check

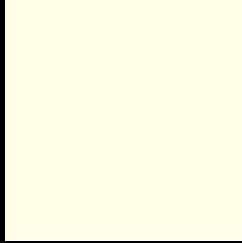
Large Text (above 18pt) WCAG AA × Fail

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 251.7910, 7.6580, -6.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

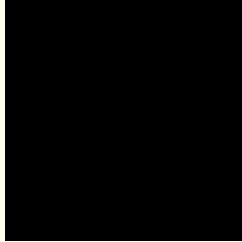
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 251.7910, 7.6580, -6.6300

Background



This preview shows how black text looks on a background with the YIQ color 251.7910, 7.6580, -6.6300.



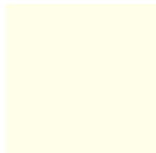
This preview shows how white text looks on a background with the YIQ color 251.7910, 7.6580, -6.6300.

-6.600.

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

251.7910, 7.6580, -6.6300



Protanopia

253.0280, 2.7970, -1.1310

Deuteranopia

252.8970, 1.7880, 0.6360

Tritanopia

252.9400, 0.2290, 1.3570

Trichromacy

**Original Color**

251.7910, 7.6580, -6.6300

Protanomaly

252.3440, 4.7230, -2.9970

Deuteranomaly

252.6860, 3.7600, -2.0640

Tritanomaly

252.6150, 2.5220, -1.6540

Monochromacy

**Original Color**

251.7910, 7.6580, -6.6300

**Achromatopsia**

252.0000, 0.0000, 0.0000

**Achromatomaly**

252.0880, 2.5680, -2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 251.7910, 7.6580, -6.6300 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(255, 254, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 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(255, 254, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 232) }
```

Border

The CSS property to change the border of an element to YIQ 251.7910, 7.6580, -6.6300 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(255, 254, 232) }
```


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

```
.border{ border-color:rgb(255, 254, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 251.7910, 7.6580, -6.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 232) }
```

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

```
.background{ background-color: rgb(255,  
254, 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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