

Converting Colors

YIQ(253.1590, 3.8060, -2.8980)

Have a look what the booklet for
YIQ(253.1590, 3.8060, -2.8980)
contains.

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Color

**YIQ(253.1590, 3.8060,
-2.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEF4
RGB	255, 254, 244
RGB Percent	100%, 100%, 96%
CMY	0.0000, 0.0039, 0.0431
CMYK	0.00, 0.00, 0.04, 0.00
HSL	55°, 100%, 98%
HSV	55°, 4%, 100%
XYZ	93.0113, 98.6752, 99.7366
YIQ	253.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

Format	Color
R_{YB}	245, 255, 244
Decimal	16776948
CIE _{Lab}	99.49, -1.38, 4.88
CIE _{LCh}	99, 5.068, 105.770
Yxy	98.6752, 0.3192, 0.3386
Android (android.graphics.Color)	4294967028 (0xFFFFFEF4)
YUV	253.1590, -4.5154, 1.6146
Hunter-Lab	99.3354, -6.7008, 10.0053

Details

The YIQ color 253.1590, 3.8060, -2.8980 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245.8410, -3.8060, 2.8980, and the grayscale version is 253.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 196.2730, 3.4850, -2.5870 is the 20% darker color. If you saturate the color by 10%, you get 249.1350, 12.3810, -9.6270, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

Distribution



- Red (100%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (96%)



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





- Cyan (0%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 253.1590, 3.8060, -2.8980 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 253.1590, 3.8060, -2.8980 by changing the saturation by 10% instead.


 253.1590, 3.8060,
-2.8980

 253.1590, 3.8060,
-2.8980

255.0000, -0.0000,
-0.0000


 224.2730, 3.4850,
-2.5870

 196.2730, 3.4850,
-2.5870

 169.2730, 3.4850,
-2.5870

 143.2730, 3.4850,
-2.5870

 117.2730, 3.4850,
-2.5870

 92.3870, 3.1640,
-2.2760

 69.3870, 3.1640,

-2.2760

■ 47.0880, 2.5680,
-2.4880

■ 26.2020, 2.2470,
-2.1770

■ 253.1590, 3.8060,
-2.8980

■ 253.1590, 3.8060,
-2.8980

■ 249.1350, 12.3810,
-9.6270

255.0000, -0.0000,
-0.0000

■ 244.4100, 21.5520,
-16.1440

■ 240.3860, 30.1270,
-22.8730

■ 236.2480, 39.0230,
-29.9130

■ 231.6370, 47.8730,
-36.1190

■ 227.4990, 56.7690,
-43.1590

■ 223.4750, 65.3440,
-49.8880

■ 219.3370, 74.2400,
-56.9280

■ 214.7260, 83.0900,
-63.1340

Harmonies

Analogous

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



251.9850, 4.3560, -1.8520



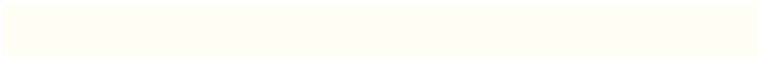
253.1590, 3.8060, -2.8980



252.2940, -1.0080, -3.7600

Triad

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



253.1590, 3.8060, -2.8980



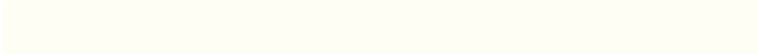
251.4120, -7.1520, -2.5440



252.6520, 1.1000, 2.0920

Complementary

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



253.1590, 3.8060, -2.8980



245.8410, -3.8060, 2.8980

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.



253.2390, 0.8250, 1.5690



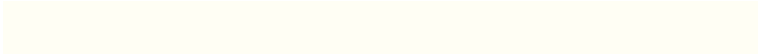
253.1590, 3.8060, -2.8980



252.3090, -5.3640, -1.9080

Square

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



253.1590, 3.8060, -2.8980



251.1130, -7.7480, -2.7560



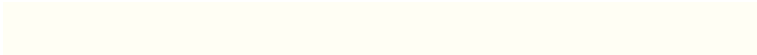
252.9290, -1.2380, 0.4100



251.6090, 2.6590, 1.3710

Rectangle

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



253.1590, 3.8060, -2.8980



251.6250, -3.4380, -3.7740



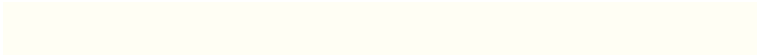
252.9290, -1.2380, 0.4100



252.6520, 1.1000, 2.0920

Sweetspot

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



253.1590, 3.8060, -2.8980



254.6580, 0.9630, -0.9330



247.4030, 6.2350, 2.6430



127.1850, 0.9170, -0.0990



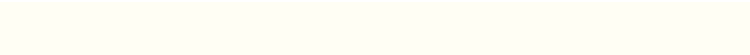
0.0000, 0.0000, 0.0000



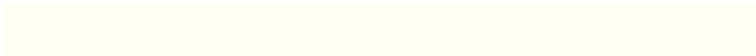
128.0000, -0.0000, -0.0000

Same Dimension

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



253.1590, 3.8060, -2.8980



252.9310, 4.4480, -3.5200



252.5500, 1.1470, -4.2690



126.5010, 2.8430, -1.9650



159.2470, 65.9860, -50.5100



53.1820, 22.1940, -16.7660

Inverse Universe

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



245.8410, -3.8060, 2.8980



244.0690, -4.4480, 3.5200



246.4500, -1.1470, 4.2690



121.4990, -2.8430, 1.9650



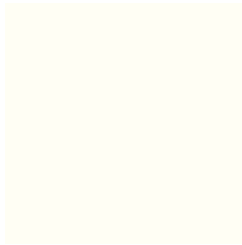
31.7530, -65.9860, 50.5100



10.8180, -22.1940, 16.7660

Previews

White Background



This preview shows how the YIQ color 253.1590, 3.8060, -2.8980 looks on a white background.

Color Contrast Check

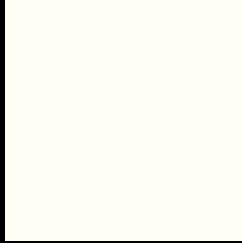
Large Text (above 18pt) WCAG AA × Fail

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 253.1590, 3.8060, -2.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

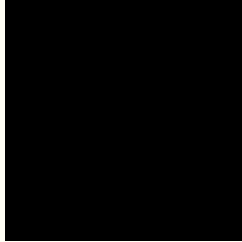
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 253.1590, 3.8060, -2.8980

Background



This preview shows how black text looks on a background with the YIQ color 253.1590, 3.8060, -2.8980.



This preview shows how white text looks on a background with the YIQ color 253.1590, 3.8060, -2.8980.

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

253.1590, 3.8060, -2.8980

Protanopia

253.3700, 1.8340, -0.1980

Deuteranopia

253.5980, 1.1920, 0.4240

Tritanopia

253.5270, -0.0460, 0.8340

Trichromacy

Original Color

253.1590, 3.8060, -2.8980

Protanomaly

253.0280, 2.7970, -1.1310

Deuteranomaly

253.2560, 2.1550, -0.5090

Tritanomaly

253.0710, 1.2380, -0.4100

Monochromacy

Original Color

253.1590, 3.8060, -2.8980

Achromatopsia

253.0000, -0.0000, -0.0000

Achromatomaly

252.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 253.1590, 3.8060, -2.8980 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 244) }
```

Border

The CSS property to change the border of an element to YIQ 253.1590, 3.8060, -2.8980 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, 244) }
```


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

```
.border{ border-color:rgb(255, 254, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 253.1590, 3.8060, -2.8980 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
254, 244) }
```

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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