

Converting Colors

YIQ(252.5550, 2.7510, -0.2970)

Have a look what the booklet for
YIQ(252.5550, 2.7510, -0.2970)
contains.

YIQ(252.5550, 2.7510, -0.2970)	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(252.5550, 2.7510,
-0.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCF9
RGB	255, 252, 249
RGB Percent	100%, 99%, 98%
CMY	0.0000, 0.0117, 0.0235
CMYK	0.00, 0.01, 0.02, 0.00
HSL	30°, 100%, 99%
HSV	30°, 2%, 100%
XYZ	93.1494, 97.7198, 103.5776
YIQ	252.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 255, 249
Decimal	16776441
CIE Lab	99.11, 0.48, 1.77
CIE LCh	99, 1.835, 74.840
Yxy	97.7198, 0.3164, 0.3319
Android (android.graphics.Color)	4294966521 (0xFFFFFCF9)
YUV	252.5550, -1.7526, 2.1443
Hunter-Lab	98.8533, -4.7929, 7.0738

Details

The YIQ color 252.5550, 2.7510, -0.2970 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.4450, -2.7510, 0.2970, 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 195.6690, 2.4300, 0.0140 is the 20% darker color. If you saturate the color by 10%, you get 242.0740, 14.3510, -1.2730, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

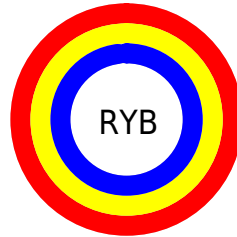
Distribution



Red (100%)

Green (99%)

Blue (98%)



Red (100%)

Yellow (100%)

Blue (98%)



Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 252.5550, 2.7510, -0.2970 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 252.5550, 2.7510, -0.2970 by changing the saturation by 10% instead.


 252.5550, 2.7510,
-0.2970


 252.5550, 2.7510,
-0.2970

255.0000, -0.0000,
-0.0000

 223.5550, 2.7510,
-0.2970

 195.6690, 2.4300,
0.0140

 168.5550, 2.7510,
-0.2970

 142.5550, 2.7510,
-0.2970

 116.6690, 2.4300,
0.0140

 92.2560, 2.1550,
-0.5090

 68.6690, 2.4300,

0.0140

■ 46.3700, 1.8340,
-0.1980

■ 25.3700, 1.8340,
-0.1980

■ 252.5550, 2.7510,
-0.2970

■ 252.5550, 2.7510,
-0.2970

■ 242.0740, 14.3510,
-1.2730

255.0000, -0.0000,
-0.0000

■ 232.0660, 25.9970,
-3.0830

■ 221.5850, 37.5970,
-4.0590

■ 210.9900, 49.5180,
-5.3460

■ 200.5090, 61.1180,
-6.3220

■ 190.5010, 72.7640,
-8.1320

■ 180.0200, 84.3640,
-9.1080

■ 169.4250, 96.2850,
-10.3950

■ 158.9440,
107.8850, -11.3710

Harmonies

Analogous

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



252.6690, 2.4300, 0.0140



252.5550, 2.7510, -0.2970



252.5440, 1.2840, -1.2440

Triad

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



252.5550, 2.7510, -0.2970



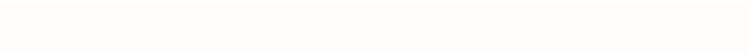
252.0920, -3.2550, -1.5830



252.9400, 0.2290, 1.3570

Complementary

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



252.5550, 2.7510, -0.2970



251.4450, -2.7510, 0.2970

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.



252.3420, -0.9630, 0.9330



252.5550, 2.7510, -0.2970



252.0320, -3.0260, -0.2260

Square

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



252.5550, 2.7510, -0.2970



251.5760, -1.7420, -1.4700



252.3310, -2.4300, -0.0140



252.4240, 1.7420, 1.4700

Rectangle

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



252.5550, 2.7510, -0.2970



252.2450, 0.6880, -1.4560



252.3310, -2.4300, -0.0140



252.6410, -0.3670, 1.1450

Sweetspot

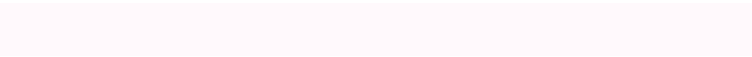
The Sweet Spot groups the original color and five complimentary colors.



252.5550, 2.7510, -0.2970



254.0710, 1.2380, -0.4100



251.1360, 2.6130, 2.2050



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.



252.5550, 2.7510, -0.2970



251.7400, 3.6680, -0.3960



254.3160, 1.9260, -1.8660



125.5550, 2.7510, -0.2970



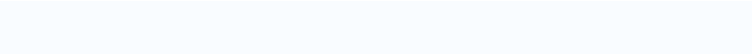
113.4610, 87.4360, -9.7160



37.9200, 29.3440, -3.1680

Inverse Universe

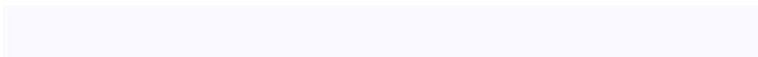
The Inverse Universe completely reimagines the original color for something new.



251.4450, -2.7510, 0.2970



250.2600, -3.6680, 0.3960



249.6840, -1.9260, 1.8660



124.4450, -2.7510, 0.2970



78.1260, -87.7110, 9.1930



26.0800, -29.3440, 3.1680

Previews

White Background



This preview shows how the YIQ color 252.5550, 2.7510, -0.2970 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 252.5550, 2.7510, -0.2970 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 252.5550, 2.7510, -0.2970

Background



This preview shows how black text looks on a background with the YIQ color 252.5550, 2.7510, -0.2970.



This preview shows how white text looks on a background with the YIQ color 252.5550, 2.7510, -0.2970.

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

252.5550, 2.7510, -0.2970

Protanopia

252.7830, 2.1090, 0.3250

Deuteranopia

252.8970, 1.7880, 0.6360

Tritanopia

252.6410, -0.3670, 1.1450

Trichromacy

Original Color

252.5550, 2.7510, -0.2970

Protanomaly

252.6690, 2.4300, 0.0140

Deuteranomaly

252.7830, 2.1090, 0.3250

Tritanomaly

252.7120, 0.8710, 0.7350

Monochromacy

Original Color

252.5550, 2.7510, -0.2970

Achromatopsia

253.0000, -0.0000, -0.0000

Achromatomaly

253.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 252.5550, 2.7510, -0.2970 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, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 249)  
}
```

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, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 249) }
```

Border

The CSS property to change the border of an element to YIQ 252.5550, 2.7510, -0.2970 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, 252, 249) }
```


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

```
.border{ border-color:rgb(255, 252, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 252.5550, 2.7510, -0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 249) }
```

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

```
.background{ background-color: rgb(255,  
252, 249) }
```

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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