

Converting Colors

YIQ(251.2560, 2.1550, -0.5090)

Have a look what the booklet for
YIQ(251.2560, 2.1550, -0.5090)
contains.

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Color

**YIQ(251.2560, 2.1550,
-0.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFBF8
RGB	253, 251, 248
RGB Percent	99%, 98%, 97%
CMY	0.0078, 0.0157, 0.0274
CMYK	0.00, 0.01, 0.02, 0.01
HSL	36°, 56%, 98%
HSV	36°, 2%, 99%
XYZ	91.9489, 96.6541, 102.6191
YIQ	251.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

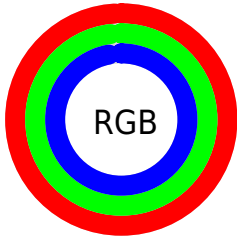
Format	Color
R _Y B	251, 253, 248
Decimal	16645112
CIE Lab	98.69, 0.15, 1.66
CIE LCh	99, 1.662, 84.918
Yxy	96.6541, 0.3157, 0.3319
Android (android.graphics.Color)	4294835192 (0xFFFD _F BF8)
YUV	251.2560, -1.6052, 1.5295
Hunter-Lab	98.3128, -5.1020, 6.9320

Details

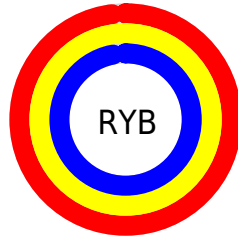
The YIQ color 251.2560, 2.1550, -0.5090 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.7440, -2.1550, 0.5090, and the grayscale version is 251.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 194.9570, 1.5590, -0.7210 is the 20% darker color. If you saturate the color by 10%, you get 242.5360, 12.9300, -3.0540, and if you desaturate by 10%, it is 254.4020, -1.1920, -0.4240.

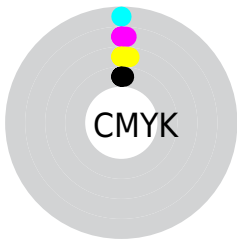
Distribution



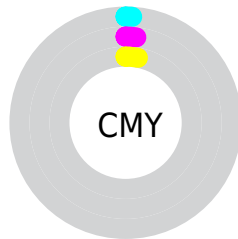
- Red (99%)
- Green (98%)
- Blue (97%)



- Red (98%)
- Yellow (99%)
- Blue (97%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 251.2560, 2.1550, -0.5090 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 251.2560, 2.1550, -0.5090 by changing the saturation by 10% instead.


 251.2560, 2.1550,
-0.5090


 251.2560, 2.1550,
-0.5090

255.0000, -0.0000,
-0.0000

 222.2560, 2.1550,
-0.5090

 194.9570, 1.5590,
-0.7210

 167.3700, 1.8340,
-0.1980

 141.2560, 2.1550,
-0.5090

 115.3700, 1.8340,
-0.1980

 91.2560, 2.1550,
-0.5090

 67.3700, 1.8340,

-0.1980

■ 45.3700, 1.8340,
-0.1980

■ 25.0710, 1.2380,
-0.4100

■ 251.2560, 2.1550,
-0.5090

■ 251.2560, 2.1550,
-0.5090

■ 242.5360, 12.9300,
-3.0540

254.4020, -1.1920,
-0.4240

■ 233.7020, 24.0260,
-5.9100

■ 224.9820, 34.8010,
-8.4550

■ 216.2620, 45.5760,
-11.0000

■ 206.9550, 56.6260,
-13.0220

■ 198.1210, 67.7220,
-15.8780

■ 189.4010, 78.4970,
-18.4230

■ 180.6810, 89.2720,
-20.9680

■ 171.8470,
100.3680, -23.8240

Harmonies

Analogous

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



251.6690, 2.4300, 0.0140



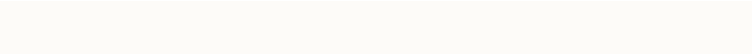
251.2560, 2.1550, -0.5090



251.2450, 0.6880, -1.4560

Triad

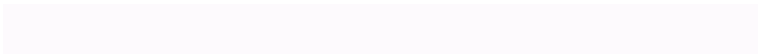
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251.2560, 2.1550, -0.5090



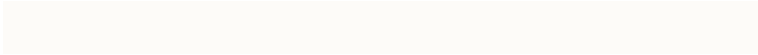
250.5050, -2.9800, -1.0600



251.2390, 0.8250, 1.5690

Complementary

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



251.2560, 2.1550, -0.5090



249.7440, -2.1550, 0.5090

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.



251.3420, -0.9630, 0.9330



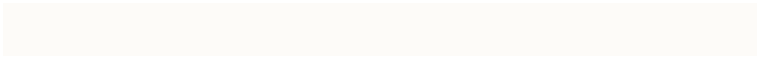
251.2560, 2.1550, -0.5090



251.0320, -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.



251.2560, 2.1550, -0.5090



250.6900, -2.0630, -1.1590



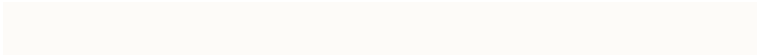
250.7440, -2.1550, 0.5090



251.4240, 1.7420, 1.4700

Rectangle

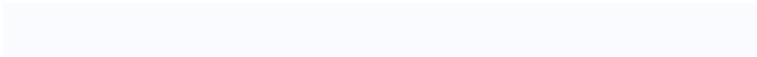
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251.2560, 2.1550, -0.5090



251.0600, -0.2290, -1.3570



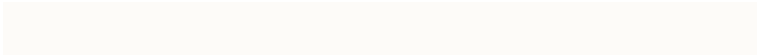
250.7440, -2.1550, 0.5090



251.9400, 0.2290, 1.3570

Sweetspot

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



251.2560, 2.1550, -0.5090



254.0710, 1.2380, -0.4100



249.7230, 2.3380, 1.6820



127.1850, 0.9170, -0.0990



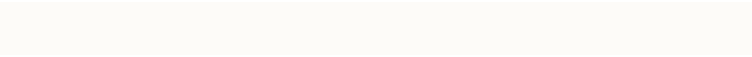
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

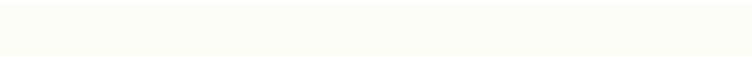
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251.2560, 2.1550, -0.5090



253.2560, 2.1550, -0.5090



252.4300, 1.6050, -1.5550



126.4840, 1.5130, 0.1130



124.6140, 82.2110, -19.6530



41.4420, 27.6940, -6.3060

Inverse Universe

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



249.7440, -2.1550, 0.5090



251.7440, -2.1550, 0.5090



248.8690, -1.0090, 1.7670



125.9290, -1.2380, 0.4100



66.3860, -82.2110, 19.6530



21.9710, -27.4190, 6.8290

Previews

White Background



This preview shows how the YIQ color 251.2560, 2.1550, -0.5090 looks on a white background.

Color Contrast Check

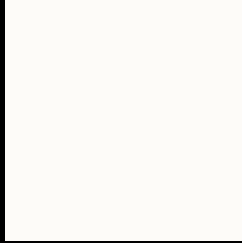
Large Text (above 18pt) WCAG AA × Fail

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 251.2560, 2.1550, -0.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

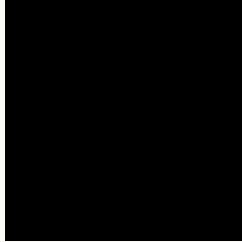
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 251.2560, 2.1550, -0.5090

Background



This preview shows how black text looks on a background with the YIQ color 251.2560, 2.1550, -0.5090.



This preview shows how white text looks on a background with the YIQ color 251.2560, 2.1550, -0.5090.

-0.590,

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

251.2560, 2.1550, -0.5090

Protanopia

251.2670, 3.6220, 0.4380

Deuteranopia

251.6090, 2.6590, 1.3710

Tritanopia

251.7550, -0.6880, 1.4560

Trichromacy

Original Color

251.2560, 2.1550, -0.5090

Protanomaly

250.9680, 3.0260, 0.2260

Deuteranomaly

251.1960, 2.3840, 0.8480

Tritanomaly

251.4130, 0.2750, 0.5230

Monochromacy

Original Color

251.2560, 2.1550, -0.5090

Achromatopsia

251.0000, 0.0000, -0.0000

Achromatomaly

251.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 251.2560, 2.1550, -0.5090 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(253, 251, 248)` looks like.

```
.text, #text, p{  
    color:rgb(253, 251, 248)  
}
```

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(253, 251, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 251, 248) }
```

Border

The CSS property to change the border of an element to YIQ 251.2560, 2.1550, -0.5090 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(253, 251, 248) }
```


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

```
.border{ border-color:rgb(253, 251, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 251, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 251, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 251, 248); box-shadow:4px 4px 4px 4px rgb(253, 251, 248) }
```

Background

The CSS property to change the background color of an element to YIQ 251.2560, 2.1550, -0.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 251, 248) }
```

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

```
.background{ background-color: rgb(253,  
251, 248) }
```

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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