

Converting Colors

YIQ(250.2490, -5.1350, -0.5510)

Have a look what the booklet for
YIQ(250.2490, -5.1350, -0.5510)
contains.

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Color

**YIQ(250.2490, -5.1350,
-0.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FCFF
RGB	245, 252, 255
RGB Percent	96%, 99%, 100%
CMY	0.0392, 0.0117, 0.0000
CMYK	0.04, 0.01, 0.00, 0.00
HSL	198°, 100%, 98%
HSV	198°, 4%, 100%
XYZ	90.5153, 96.2541, 108.4111
YIQ	250.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

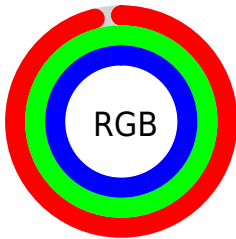
Format	Color
R_{YB}	245, 249, 255
Decimal	16121087
CIE _{Lab}	98.53, -1.75, -2.24
CIE _{LCh}	99, 2.844, 231.944
Yxy	96.2541, 0.3066, 0.3261
Android (android.graphics.Color)	4294311167 (0xFF5FCFF)
YUV	250.2490, 2.3422, -4.6034
Hunter-Lab	98.1092, -7.0074, 3.1607

Details

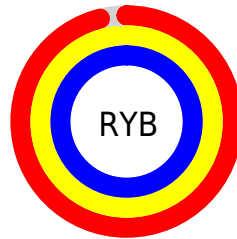
The YIQ color 250.2490, -5.1350, -0.5510 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.7510, 5.1350, 0.5510, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.5480, -4.5390, -0.3390 is the 20% darker color. If you saturate the color by 10%, you get 237.7790, -18.4310, -1.8790, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

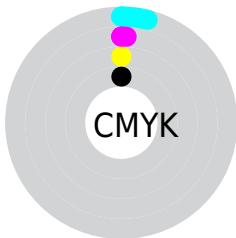
Distribution



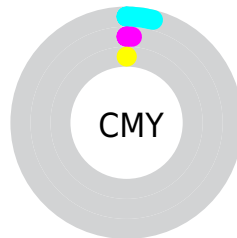
- Red (96%)
- Green (99%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 250.2490, -5.1350, -0.5510 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 250.2490, -5.1350, -0.5510 by changing the saturation by 10% instead.


 250.2490, -5.1350,
-0.5510

 250.2490, -5.1350,
-0.5510

255.0000, -0.0000,
-0.0000


 221.5480, -4.5390,
-0.3390

 193.5480, -4.5390,
-0.3390

 166.5480, -4.5390,
-0.3390

 140.5480, -4.5390,
-0.3390

 114.5480, -4.5390,
-0.3390

 90.4340, -4.2180,
-0.6500

 66.8470, -3.9430,

-0.1270

■ 44.7330, -3.6220,
-0.4380

■ 23.7330, -3.6220,
-0.4380

■ 250.2490, -5.1350,
-0.5510

■ 250.2490, -5.1350,
-0.5510

■ 237.7790,
-18.4310, -1.8790

255.0000, -0.0000,
-0.0000

■ 226.1950,
-31.4060, -3.5180

■ 213.7250,
-44.7020, -4.8460

■ 202.1410,
-57.6770, -6.4850

■ 189.9700,
-70.3770, -7.6010

■ 177.5000,
-83.6730, -8.9290

■ 165.9160,
-96.6480, -10.5680

■ 153.4460,
-109.9440, -11.8960

■ 141.2750,
-122.6440, -13.0120

Harmonies

Analogous

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



249.7220, -5.0890, -1.3850



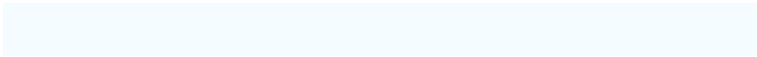
250.2490, -5.1350, -0.5510



250.2600, -3.6680, 0.3960

Triad

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



250.2490, -5.1350, -0.5510



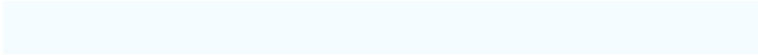
251.1360, 2.6130, 2.2050



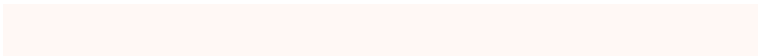
250.4300, 1.6050, -1.5550

Complementary

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



250.2490, -5.1350, -0.5510



249.7510, 5.1350, 0.5510

Split Complementary

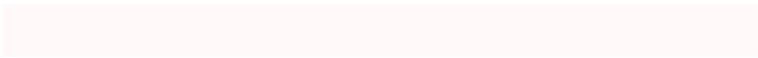
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.6260, 3.9890, -0.7070



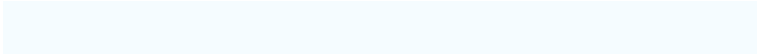
250.2490, -5.1350, -0.5510



250.7940, 3.5760, 1.2720

Square

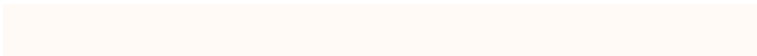
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250.2490, -5.1350, -0.5510



251.6520, 1.1000, 2.0920



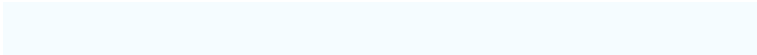
251.0390, 4.2640, -0.1840



250.2340, -0.7790, -2.4030

Rectangle

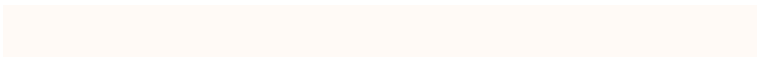
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250.2490, -5.1350, -0.5510



250.8580, -2.4760, 0.8200



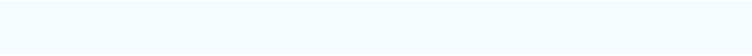
251.0390, 4.2640, -0.1840



250.6150, 2.5220, -1.6540

Sweetspot

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



250.2490, -5.1350, -0.5510



253.5160, -1.5130, -0.1130



251.2120, -3.7130, -4.2970



126.8150, -0.9170, 0.0990



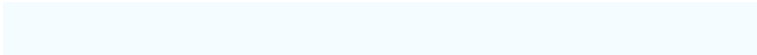
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



250.2490, -5.1350, -0.5510



248.7650, -6.6480, -0.6640



247.3140, -3.7600, 2.0640



123.8470, -3.9430, -0.1270



100.4320, -98.1610, -10.6810



33.7110, -32.9190, -3.6310

Inverse Universe

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



248.7880, 3.7130, 4.2970



246.9130, 4.8590, 5.5550



252.6860, 3.7600, -2.0640



122.9620, 3.1630, 3.2510



72.3850, 70.8220, 82.1660



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 250.2490, -5.1350, -0.5510 looks on a white background.

Color Contrast Check

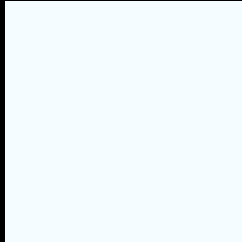
Large Text (above 18pt) WCAG AA × Fail

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 250.2490, -5.1350, -0.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

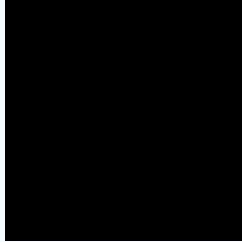
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

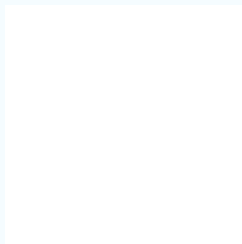
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 250.2490, -5.1350, -0.5510

Background



This preview shows how black text looks on a background with the YIQ color 250.2490, -5.1350, -0.5510.



This preview shows how white text looks on a background with the YIQ color 250.2490, -5.1350, -0.5510.

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

250.2490, -5.1350, -0.5510

Protanopia

250.9510, 1.6960, 2.3040

Deuteranopia

251.1360, 2.6130, 2.2050

Tritanopia

250.5700, -1.6050, 1.5550

Trichromacy

Original Color

250.2490, -5.1350, -0.5510

Protanomaly

250.7550, -0.6880, 1.4560

Deuteranomaly

250.6410, -0.3670, 1.1450

Tritanomaly

250.5590, -3.0720, 0.6080

Monochromacy

Original Color

250.2490, -5.1350, -0.5510

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.2170, -2.1090, -0.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.2490, -5.1350, -0.5510 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(245, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 252, 255)  
}
```

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(245, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 252, 255) }
```

Border

The CSS property to change the border of an element to YIQ 250.2490, -5.1350, -0.5510 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(245, 252, 255) }
```


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

```
.border{ border-color:rgb(245, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 252,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 250.2490, -5.1350, -0.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 252, 255) }
```

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

```
.background{ background-color: rgb(245,  
252, 255) }
```

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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