

Converting Colors

YIQ(253.5180, 4.1730, -4.0430)

Have a look what the booklet for
YIQ(253.5180, 4.1730, -4.0430)
contains.

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Color

**YIQ(253.5180, 4.1730,
-4.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFFF2
RGB	255, 255, 242
RGB Percent	100%, 100%, 95%
CMY	0.0000, 0.0000, 0.0509
CMYK	0.00, 0.00, 0.05, 0.00
HSL	60°, 100%, 97%
HSV	60°, 5%, 100%
XYZ	93.0273, 99.1908, 98.2524
YIQ	253.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

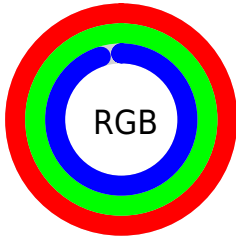
Format	Color
R _Y B	242, 255, 242
Decimal	16777202
CIE Lab	99.69, -2.21, 6.19
CIE LCh	100, 6.576, 109.681
Yxy	99.1908, 0.3203, 0.3415
Android (android.graphics.Color)	4294967282 (0xFFFFFFFF2)
YUV	253.5180, -5.6784, 1.2997
Hunter-Lab	99.5946, -7.5609, 11.2252

Details

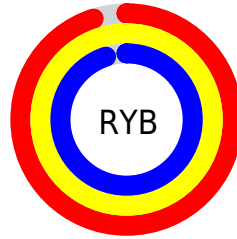
The YIQ color 253.5180, 4.1730, -4.0430 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 243.4820, -4.1730, 4.0430, and the grayscale version is 254.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 196.6320, 3.8520, -3.7320 is the 20% darker color. If you saturate the color by 10%, you get 250.6680, 12.1980, -11.8180, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

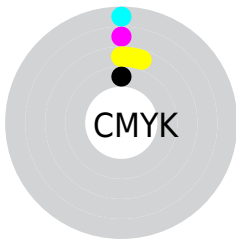
Distribution



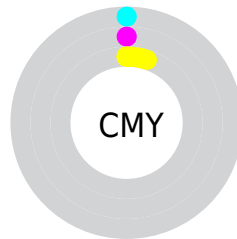
- Red (100%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 253.5180, 4.1730, -4.0430 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 253.5180, 4.1730, -4.0430 by changing the saturation by 10% instead.

 253.5180, 4.1730,
-4.0430


 253.5180, 4.1730,
-4.0430

255.0000, -0.0000,
-0.0000

 224.6320, 3.8520,
-3.7320

 196.6320, 3.8520,
-3.7320

 169.6320, 3.8520,
-3.7320

 143.3330, 3.2560,
-3.9440

 117.7460, 3.5310,
-3.4210

 92.7460, 3.5310,
-3.4210

 69.4470, 2.9350,

-3.6330

■ 46.9740, 2.8890,
-2.7990

■ 25.9740, 2.8890,
-2.7990

■ 253.5180, 4.1730,
-4.0430

■ 253.5180, 4.1730,
-4.0430

■ 250.6680, 12.1980,
-11.8180

255.0000, -0.0000,
-0.0000

■ 247.7040, 20.5440,
-19.9040

■ 244.8540, 28.5690,
-27.6790

■ 241.8900, 36.9150,
-35.7650

■ 239.0400, 44.9400,
-43.5400

■ 236.0760, 53.2860,
-51.6260

■ 233.2260, 61.3110,
-59.4010

■ 230.2620, 69.6570,
-67.4870

■ 227.4120, 77.6820,
-75.2620

Harmonies

Analogous

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



252.3440, 4.7230, -2.9970



253.5180, 4.1730, -4.0430



251.8810, -1.2830, -4.2830

Triad

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



253.5180, 4.1730, -4.0430



250.5150, -8.9400, -3.1800



252.0650, 1.3750, 2.6150

Complementary

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



253.5180, 4.1730, -4.0430



243.4820, -4.1730, 4.0430

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.



252.6520, 1.1000, 2.0920



253.5180, 4.1730, -4.0430



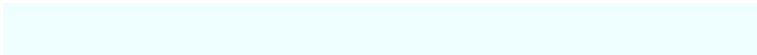
252.0100, -5.9600, -2.1200

Square

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



253.5180, 4.1730, -4.0430



250.2160, -9.5360, -3.3920



253.2280, -0.6420, 0.6220



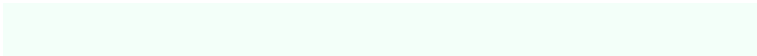
251.4950, 2.9800, 1.0600

Rectangle

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



253.5180, 4.1730, -4.0430



250.7280, -5.2260, -4.4100



253.2280, -0.6420, 0.6220



252.0650, 1.3750, 2.6150

Sweetspot

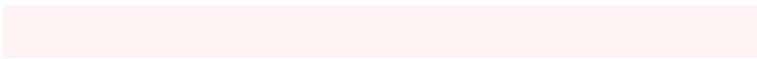
The Sweet Spot groups the original color and five complimentary colors.



253.5180, 4.1730, -4.0430



254.4300, 1.6050, -1.5550



245.8870, 7.7480, 2.7560



127.3590, 0.3670, -1.1450



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.



253.5180, 4.1730, -4.0430



253.2900, 4.8150, -4.6650



251.7240, 0.5970, -5.3150



126.6750, 2.2930, -3.0110



169.2260, 61.3110, -59.4010



56.7040, 20.5440, -19.9040

Inverse Universe

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



243.4820, -4.1730, 4.0430



241.7100, -4.8150, 4.6650



245.5750, -0.0010, 5.5270



120.0260, -2.8890, 2.7990



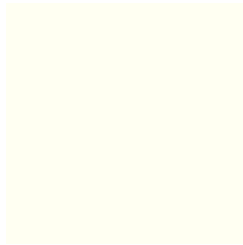
21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Previews

White Background



This preview shows how the YIQ color 253.5180, 4.1730, -4.0430 looks on a white background.

Color Contrast Check

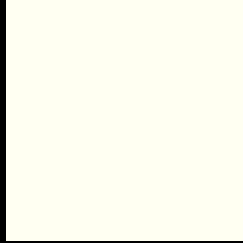
Large Text (above 18pt) WCAG AA × Fail

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 253.5180, 4.1730, -4.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

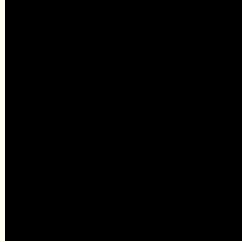
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 253.5180, 4.1730, -4.0430

Background



This preview shows how black text looks on a background with the YIQ color 253.5180, 4.1730, -4.0430.



This preview shows how white text looks on a background with the YIQ color 253.5180, 4.1730.

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

253.5180, 4.1730, -4.0430

Protanopia

254.1850, 0.9170, -0.0990

Deuteranopia

254.2990, 0.5960, 0.2120

Tritanopia

254.1140, -0.3210, 0.3110

Trichromacy

Original Color

253.5180, 4.1730, -4.0430

Protanomaly

253.7290, 2.2010, -1.3430

Deuteranomaly

253.8430, 1.8800, -1.0320

Tritanomaly

253.5440, 1.2840, -1.2440

Monochromacy

Original Color

253.5180, 4.1730, -4.0430

Achromatopsia

254.0000, -0.0000, -0.0000

Achromatomaly

253.5440, 1.2840, -1.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 253.5180, 4.1730, -4.0430 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, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 242)  
}
```

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, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 242) }
```

Border

The CSS property to change the border of an element to YIQ 253.5180, 4.1730, -4.0430 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, 255, 242) }
```


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

```
.border{ border-color:rgb(255, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 253.5180, 4.1730, -4.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 242) }
```

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

```
.background{ background-color: rgb(255,  
255, 242) }
```

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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