

# Converting Colors

YIQ(245.7420, -17.0090,  
-5.6250)

Have a look what the booklet for  
YIQ(245.7420, -17.0090, -5.6250)  
contains.

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# Color

**YIQ(245.7420, -17.0090,  
-5.6250)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E2FEFF                      |
| RGB         | 226, 254, 255               |
| RGB Percent | 89%, 100%, 100%             |
| CMY         | 0.1138, 0.0039, 0.0001      |
| CMYK        | 0.11, 0.00, 0.00, 0.00      |
| HSL         | 182°, 100%, 94%             |
| HSV         | 182°, 11%, 100%             |
| XYZ         | 84.8515, 94.2760, 108.3180  |
| YIQ         | 245.7420, -17.0090, -5.6250 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 226, 240, 255                 |
| Decimal                             | 14876415                      |
| CIE Lab                             | 97.74, -8.83, -3.54           |
| CIE LCh                             | 98, 9.515, 201.872            |
| Yxy                                 | 94.2760, 0.2952,<br>0.3280    |
| Android<br>(android.graphics.Color) | 4293066495<br>(0xFFE2FEFF)    |
| YUV                                 | 245.7420, 4.5642,<br>-17.3137 |
| Hunter-Lab                          | 97.0958, -13.9276,<br>1.8245  |

# Details

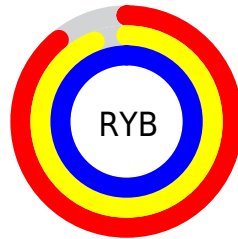
The YIQ color  $245.7420, -17.0090, -5.6250$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $235.2580, 17.0090, 5.6250$ , and the grayscale version is  $246.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $189.0410, -16.4130, -5.4130$  is the 20% darker color. If you saturate the color by 10%, you get  $237.3810, -32.2300, -10.6140$ , and if you desaturate by 10%, it is  $253.8040, -2.3840, -0.8480$ .

# Distribution



- Red (89%)
- Green (100%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 245.7420, -17.0090, -5.6250 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 245.7420, -17.0090, -5.6250 by changing the saturation by 10% instead.



■ 245.7420,  
-17.0090, -5.6250

■ 245.7420,  
-17.0090, -5.6250

255.0000, -0.0000,  
-0.0000

■ 217.0410,  
-16.4130, -5.4130

■ 189.0410,  
-16.4130, -5.4130

■ 162.3400,  
-15.8170, -5.2010

■ 136.3400,  
-15.8170, -5.2010

■ 110.6390,  
-15.2210, -4.9890

■ 85.9380, -14.6250,  
-4.7770

■ 62.9380, -14.6250,

-4.7770

■ 40.2370, -14.0290,  
-4.5650

■ 19.2260, -15.4960,  
-5.5120

■ 245.7420,  
-17.0090, -5.6250

■ 245.7420,  
-17.0090, -5.6250

■ 237.3810,  
-32.2300, -10.6140

■ 253.8040, -2.3840,  
-0.8480

■ 229.3190,  
-46.8550, -15.3910

■ 255.0000, -0.0000,  
-0.0000

■ 220.9580,  
-62.0760, -20.3800

■ 213.4830,  
-76.9760, -25.6800

■ 205.1220,  
-92.1970, -30.6690

■ 197.0600,  
-106.8220, -35.4460

■ 188.6990,  
-122.0430, -40.4350

■ 180.6370,  
-136.6680, -45.2120

■ 173.4720,  
-149.5050, -49.3530

# Harmonies

## Analogous

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



245.9120, -11.7360, -7.5760



245.7420, -17.0090, -5.6250



245.7530, -15.5420, -4.6780

# Triad

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



245.7420, -17.0090, -5.6250



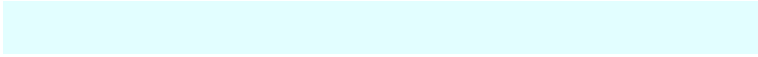
248.5430, 3.0250, 5.7530



247.4540, 10.2250, -3.5910

# Complementary

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



245.7420, -17.0090, -5.6250



235.2580, 17.0090, 5.6250

# 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.



246.1490, 9.7660, -0.7780



245.7420, -17.0090, -5.6250



247.5000, 4.5840, 5.0320

# Square

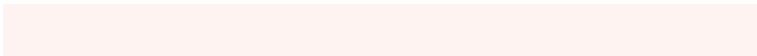
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.7420, -17.0090, -5.6250



247.9120, -2.5680, 2.4880



246.4740, 7.4730, 2.2330



247.5350, 5.5030, -6.1210

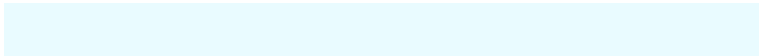


# Rectangle

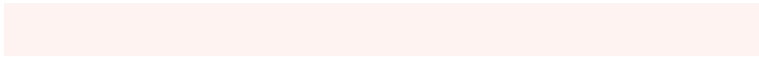
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245.7420, -17.0090, -5.6250



246.0740, -12.0120, -2.5720



246.4740, 7.4730, 2.2330



246.9810, 10.1790, -2.7570

# Sweetspot

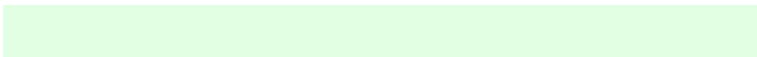
The Sweet Spot groups the original color and five complimentary colors.



245.7420, -17.0090, -5.6250



252.6080, -4.7680, -1.6960



243.1370, -8.2960, -14.8560



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000

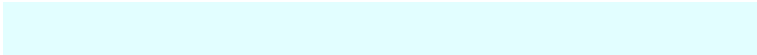


128.0000, -0.0000, -0.0000

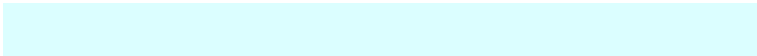


# Same Dimension

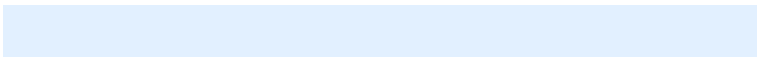
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.7420, -17.0090, -5.6250



243.6490, -21.1810, -7.1090



237.5240, -13.1590, 1.6970



123.5260, -7.4730, -2.2330



130.3690, -112.1860, -37.3540



43.6900, -37.5940, -12.5220



# Inverse Universe

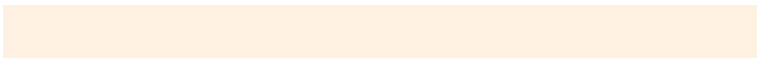
The Inverse Universe completely reimagines the original color for something new.



237.8630, 8.2960, 14.8560



233.7540, 10.2210, 18.5170



243.4760, 13.1590, -1.6970



120.2550, 3.8960, 6.4880



78.1990, 54.4510, 98.0270



26.2040, 18.2420, 32.8500



# Previews

## White Background



This preview shows how the YIQ color 245.7420, -17.0090, -5.6250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

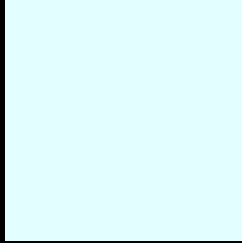
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 245.7420, -17.0090, -5.6250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

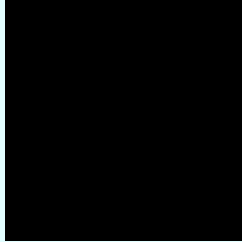
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 245.7420, -17.0090, -5.6250

## Background



This preview shows how black text looks on a background with the YIQ color 245.7420, -17.0090, -5.6250.



This preview shows how white text looks on a background with the YIQ color 245.7420, -17.0090,

-5.6250.

# Color Blindness Simulation

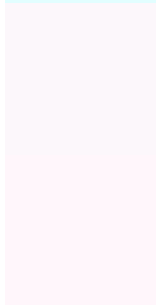
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

245.7420, -17.0090, -5.6250



### Protanopia

248.9510, 1.6960, 2.3040

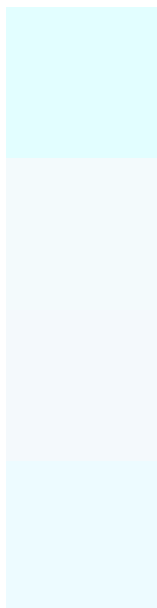
### Deuteranopia

249.2610, 3.7590, 3.4630

## **Tritanopia**

247.8900, -5.5020, 0.5940

# Trichromacy



## Original Color

245.7420, -17.0090, -5.6250

## Protanomaly

248.1350, -4.8140, -0.8620

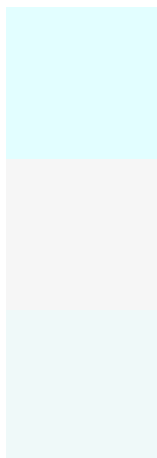
## Deuteranomaly

247.8470, -3.9430, -0.1270

## Tritanomaly

247.2700, -9.6280, -1.7240

# Monochromacy



## Original Color

245.7420, -17.0090, -5.6250

## Achromatopsia

246.0000, -0.0000, -0.0000

## Achromatomaly

246.0100, -5.9600, -2.1200

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 245.7420, -17.0090, -5.6250 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(226, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 254, 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(226, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 254, 255) }
```

## Border

The CSS property to change the border of an element to YIQ 245.7420, -17.0090, -5.6250 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(226, 254, 255) }
```



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

```
.border{ border-color:rgb(226, 254, 255) }
```

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

Here you see how a box with a 4 pixel rgb(226, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 254,  
255) }
```

# Background

The CSS property to change the background color of an element to YIQ 245.7420, -17.0090, -5.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 254, 255) }
```

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

```
.background{ background-color: rgb(226,  
254, 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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