

Converting Colors

YIQ(242.2500, 2.2920, 2.5160)

Have a look what the booklet for
YIQ(242.2500, 2.2920, 2.5160)
contains.

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Color

**YIQ(242.2500, 2.2920,
2.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F0F4
RGB	246, 240, 244
RGB Percent	96%, 94%, 96%
CMY	0.0353, 0.0588, 0.0431
CMYK	0.00, 0.02, 0.01, 0.04
HSL	320°, 25%, 95%
HSV	320°, 2%, 96%
XYZ	85.4963, 88.4440, 98.1544
YIQ	242.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

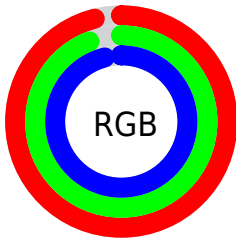
Format	Color
R _{YB}	246, 240, 244
Decimal	16183540
CIE Lab	95.35, 2.71, -1.22
CIE LCh	95, 2.975, 335.703
Yxy	88.4440, 0.3142, 0.3250
Android (android.graphics.Color)	4294373620 (0xFF6F0F4)
YUV	242.2500, 0.8628, 3.2887
Hunter-Lab	94.0447, -2.3035, 3.9503

Details

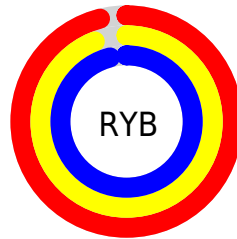
The YIQ color $242.2500, 2.2920, 2.5160$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.7500, -2.2920, -2.5160$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.2500, 2.2920, 2.5160$ is the 20% darker color. If you saturate the color by 10%, you get $226.6630, 11.7350, 13.1030$, and if you desaturate by 10%, it is $251.9670, -4.4010, -2.8410$.

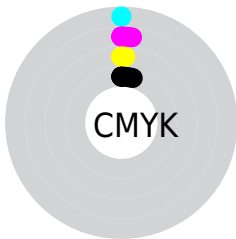
Distribution



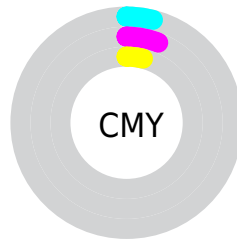
- Red (96%)
- Green (94%)
- Blue (96%)



- Red (96%)
- Yellow (94%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.2500, 2.2920, 2.5160 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 242.2500, 2.2920, 2.5160 by changing the saturation by 10% instead.

242.2500, 2.2920,
2.5160

242.2500, 2.2920,
2.5160

255.0000, -0.0000,
-0.0000

214.2500, 2.2920,
2.5160

186.2500, 2.2920,
2.5160

159.2500, 2.2920,
2.5160

132.9510, 1.6960,
2.3040

107.8370, 2.0170,
1.9930

83.8370, 2.0170,
1.9930

60.5380, 1.4210,

1.7810

■ 38.8370, 2.0170,
1.9930

■ 17.9510, 1.6960,
2.3040

■ 242.2500, 2.2920,
2.5160

■ 242.2500, 2.2920,
2.5160

■ 226.6630, 11.7350,
13.1030

■ 251.9670, -4.4010,
-2.8410

■ 211.6630, 20.9030,
23.1670

■ 252.3090, -5.3640,
-1.9080

■ 195.9620, 30.6670,
33.4430

■ 180.9620, 39.8350,
43.5070

■ 165.3750, 49.2780,
54.0940

■ 149.7880, 58.7210,
64.6810

■ 134.7880, 67.8890,
74.7450

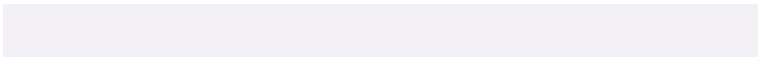
■ 119.0870, 77.6530,
85.0210

■ 104.0870, 86.8210,
95.0850

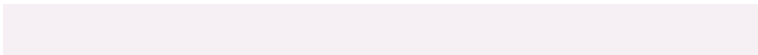
Harmonies

Analogous

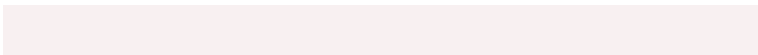
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.1680, -0.4130, 1.9790



242.2500, 2.2920, 2.5160



242.5060, 4.4470, 2.0070

Triad

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



242.2500, 2.2920, 2.5160



241.9140, 3.1180, -1.4420



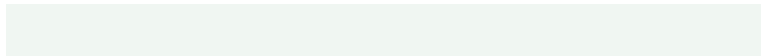
240.8360, -5.4100, -1.0740

Complementary

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



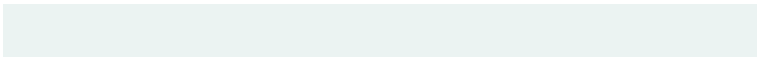
242.2500, 2.2920, 2.5160



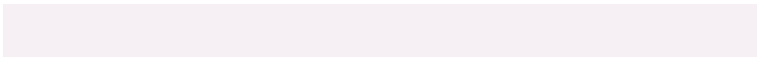
243.7500, -2.2920, -2.5160

Split Complementary

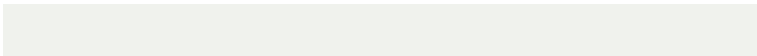
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.4940, -4.4470, -2.0070



242.2500, 2.2920, 2.5160



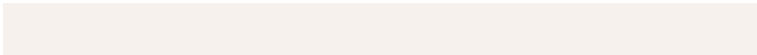
240.8320, 0.4130, -1.9790

Square

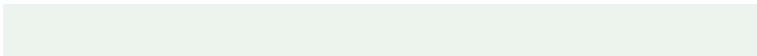
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.2500, 2.2920, 2.5160



241.9250, 4.5850, -0.4950



240.7500, -2.2920, -2.5160



241.6620, -4.8600, -0.0280

Rectangle

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



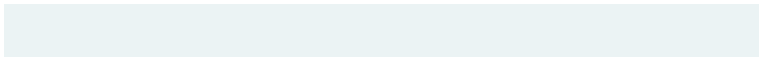
242.2500, 2.2920, 2.5160



242.2780, 5.0890, 1.3850



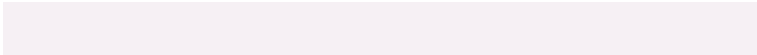
240.7500, -2.2920, -2.5160



240.7220, -5.0890, -1.3850

Sweetspot

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



242.2500, 2.2920, 2.5160



253.1250, 1.1460, 1.2580



241.2820, -0.7340, 2.2900



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

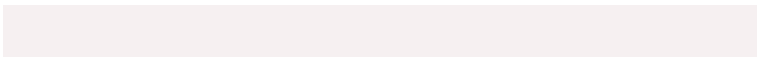
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.2500, 2.2920, 2.5160



249.9620, 3.1630, 3.2510



241.9080, 3.2550, 1.5830



119.5380, 1.4210, 1.7810



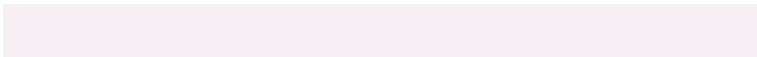
69.7500, 71.0520, 77.9960



22.0870, 22.6450, 24.6370

Inverse Universe

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



242.2500, 2.2920, 2.5160



249.9620, 3.1630, 3.2510



244.0920, -3.2550, -1.5830



119.5380, 1.4210, 1.7810



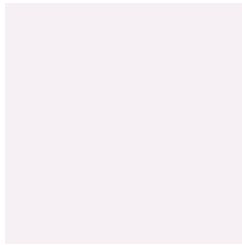
69.7500, 71.0520, 77.9960



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 242.2500, 2.2920, 2.5160 looks on a white background.

Color Contrast Check

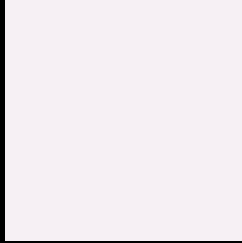
Large Text (above 18pt) WCAG AA × Fail

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 242.2500, 2.2920, 2.5160 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

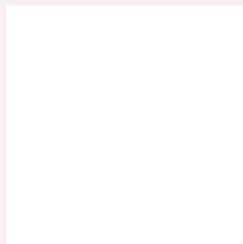
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.2500, 2.2920, 2.5160

Background



This preview shows how black text looks on a background with the YIQ color 242.2500, 2.2920, 2.5160.



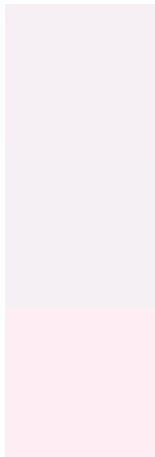
This preview shows how white text looks on a background with the YIQ color 242.2500, 2.2920,

2.5160.

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

242.2500, 2.2920, 2.5160

Protanopia

241.9510, 1.6960, 2.3040

Deuteranopia

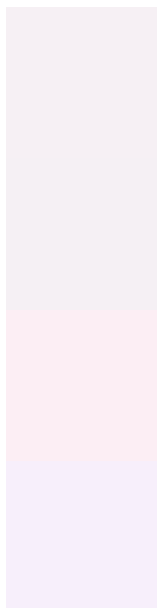
243.1800, 8.4810, 5.9930



Tritanopia

242.6290, -0.0930, 7.1950

Trichromacy



Original Color

242.2500, 2.2920, 2.5160

Protanomaly

241.9510, 1.6960, 2.3040

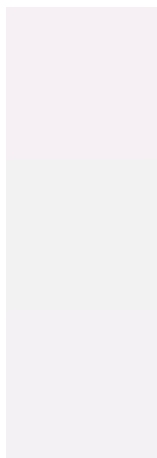
Deuteranomaly

242.8700, 6.4180, 4.8340

Tritanomaly

242.7600, 0.9160, 5.4280

Monochromacy



Original Color

242.2500, 2.2920, 2.5160

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

241.8260, 0.5500, 1.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.2500, 2.2920, 2.5160 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(246, 240, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 244)  
}
```

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(246, 240, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 244) }
```

Border

The CSS property to change the border of an element to YIQ 242.2500, 2.2920, 2.5160 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(246, 240, 244) }
```


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

```
.border{ border-color:rgb(246, 240, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 242.2500, 2.2920, 2.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 244) }
```

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

```
.background{ background-color: rgb(246,  
240, 244) }
```

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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