

Converting Colors

YIQ(242.5720, 4.0810, -2.3750)

Have a look what the booklet for
YIQ(242.5720, 4.0810, -2.3750)
contains.

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Color

**YIQ(242.5720, 4.0810,
-2.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F3EA
RGB	245, 243, 234
RGB Percent	96%, 95%, 92%
CMY	0.0392, 0.0470, 0.0823
CMYK	0.00, 0.01, 0.04, 0.04
HSL	49°, 35%, 94%
HSV	49°, 4%, 96%
XYZ	84.5586, 89.4540, 90.6560
YIQ	242.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

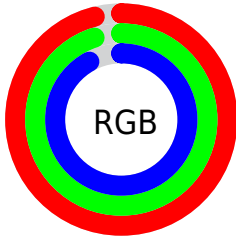
Format	Color
R _Y B	236, 245, 234
Decimal	16118762
CIE Lab	95.77, -0.88, 4.55
CIE LCh	96, 4.639, 100.928
Yxy	89.4540, 0.3195, 0.3380
Android (android.graphics.Color)	4294308842 (0xFFFF5F3EA)
YUV	242.5720, -4.2260, 2.1294
Hunter-Lab	94.5801, -5.9287, 9.3760

Details

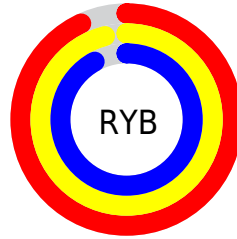
The YIQ color $242.5720, 4.0810, -2.3750$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.4280, -4.0810, 2.3750$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.5720, 4.0810, -2.3750$ is the 20% darker color. If you saturate the color by 10%, you get $237.4880, 12.8850, -7.7470$, and if you desaturate by 10%, it is $247.3140, -3.7600, 2.0640$.

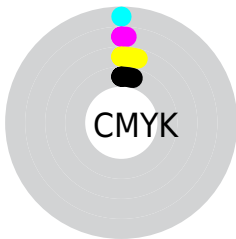
Distribution



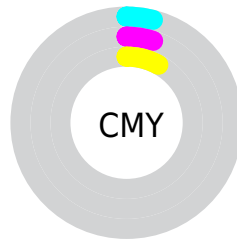
- Red (96%)
- Green (95%)
- Blue (92%)



- Red (93%)
- Yellow (96%)
- Blue (92%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.5720, 4.0810, -2.3750 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 242.5720, 4.0810, -2.3750 by changing the saturation by 10% instead.

■ 242.5720, 4.0810,
-2.3750

■ 242.5720, 4.0810,
-2.3750

255.0000, -0.0000,
-0.0000

■ 214.5720, 4.0810,
-2.3750

■ 186.5720, 4.0810,
-2.3750

■ 159.6860, 3.7600,
-2.0640

■ 133.6860, 3.7600,
-2.0640

■ 108.3870, 3.1640,
-2.2760

■ 83.8000, 3.4390,
-1.7530

■ 60.8000, 3.4390,

-1.7530

■ 38.9140, 3.1180,
-1.4420

■ 18.5720, 4.0810,
-2.3750

■ 242.5720, 4.0810,
-2.3750

■ 242.5720, 4.0810,
-2.3750

■ 237.4880, 12.8850,
-7.7470

■ 247.3140, -3.7600,
2.0640

■ 231.7030, 22.2850,
-12.9070

■ 250.2490, -5.1350,
-0.5510

■ 226.6190, 31.0890,
-18.2790

■ 252.0100, -5.9600,
-2.1200

■ 220.8340, 40.4890,
-23.4390

■ 215.7500, 49.2930,
-28.8110

■ 209.9650, 58.6930,
-33.9710

■ 204.8810, 67.4970,
-39.3430

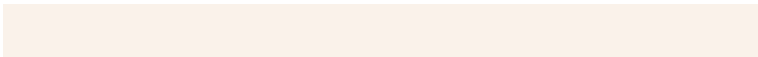
■ 199.0960, 76.8970,
-44.5030

■ 194.0120, 85.7010,
-49.8750

Harmonies

Analogous

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



243.4800, 7.3360, -0.7920



242.5720, 4.0810, -2.3750



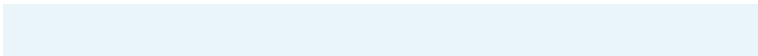
241.8920, 0.1840, -3.3360

Triad

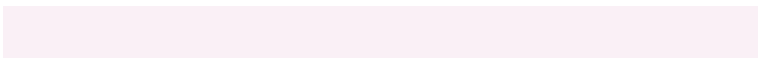
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.5720, 4.0810, -2.3750



241.7540, -8.1150, -1.6110



243.6740, 4.0340, 3.9860

Complementary

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



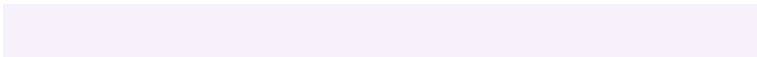
242.5720, 4.0810, -2.3750



236.4280, -4.0810, 2.3750

Split Complementary

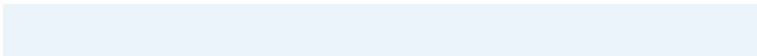
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.5210, 0.0910, 3.8590



242.5720, 4.0810, -2.3750



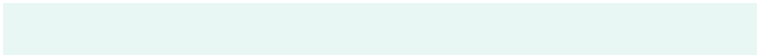
242.1070, -7.6110, 0.2690

Square

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



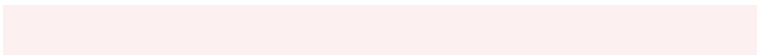
242.5720, 4.0810, -2.3750



241.5860, -7.7020, -3.5900



243.1290, -4.6770, 2.1630



244.0010, 7.4270, 3.0670

Rectangle

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



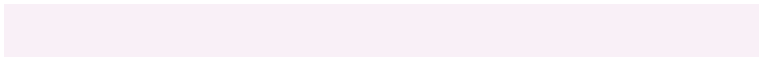
242.5720, 4.0810, -2.3750



241.5110, -3.1170, -4.0850



243.1290, -4.6770, 2.1630



243.4890, 3.1170, 4.0850

Sweetspot

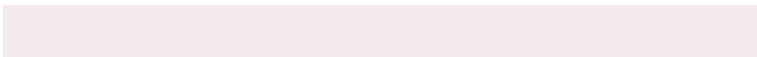
The Sweet Spot groups the original color and five complimentary colors.



242.5720, 4.0810, -2.3750



254.6580, 0.9630, -0.9330



237.5170, 5.9140, 2.9540



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



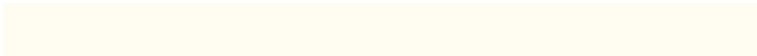
128.0000, -0.0000, -0.0000

Same Dimension

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



242.5720, 4.0810, -2.3750



252.3440, 4.7230, -2.9970



242.8490, 1.7430, -4.0570



120.6150, 2.5220, -1.6540



144.8380, 69.0560, -40.0640



45.8170, 21.9640, -12.5960

Inverse Universe

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



236.4280, -4.0810, 2.3750



245.2430, -4.9980, 2.4740



236.1510, -1.7430, 4.0570



116.3850, -2.5220, 1.6540



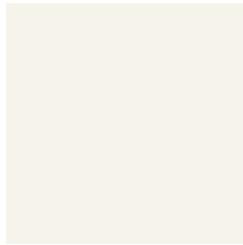
41.1620, -69.0560, 40.0640



13.1830, -21.9640, 12.5960

Previews

White Background



This preview shows how the YIQ color 242.5720, 4.0810, -2.3750 looks on a white background.

Color Contrast Check

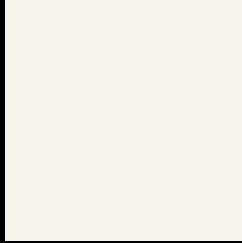
Large Text (above 18pt) WCAG AA × Fail

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 242.5720, 4.0810, -2.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

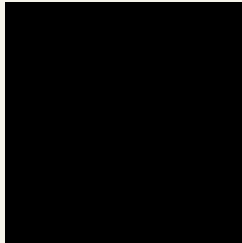
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

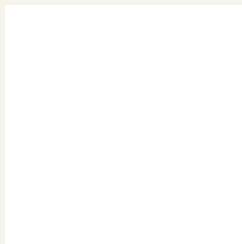
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.5720, 4.0810, -2.3750

Background



This preview shows how black text looks on a background with the YIQ color 242.5720, 4.0810, -2.3750.



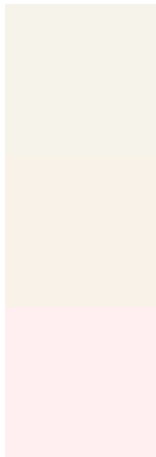
This preview shows how white text looks on a background with the YIQ color 242.5720, 4.0810,

-2.3750.

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

242.5720, 4.0810, -2.3750

Protanopia

243.0670, 7.0610, -1.3150

Deuteranopia

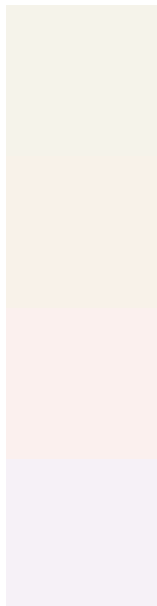
243.8980, 9.2150, 3.7030



Tritanopia

243.8030, -0.6430, 6.1490

Trichromacy



Original Color

242.5720, 4.0810, -2.3750

Protanomaly

242.7680, 6.4650, -1.5270

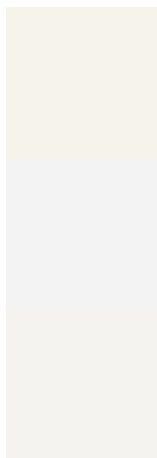
Deuteranomaly

243.0610, 7.1980, 1.7100

Tritanomaly

243.1790, 1.0540, 2.9260

Monochromacy



Original Color

242.5720, 4.0810, -2.3750

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

242.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.5720, 4.0810, -2.3750 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, 243, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 234)  
}
```

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, 243, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 234) }
```

Border

The CSS property to change the border of an element to YIQ 242.5720, 4.0810, -2.3750 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, 243, 234) }
```


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

```
.border{ border-color:rgb(245, 243, 234) }
```

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

Here you see how a box with a 4 pixel rgb(245, 243, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 242.5720, 4.0810, -2.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 234) }
```

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

```
.background{ background-color: rgb(245,  
243, 234) }
```

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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