

Converting Colors

YIQ(242.4220, 13.2510, -3.3650)

Have a look what the booklet for
YIQ(242.4220, 13.2510, -3.3650)
contains.

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Color

**YIQ(242.4220, 13.2510,
-3.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF1DE
RGB	253, 241, 222
RGB Percent	99%, 95%, 87%
CMY	0.0078, 0.0549, 0.1293
CMYK	0.00, 0.05, 0.12, 0.01
HSL	37°, 89%, 93%
HSV	37°, 12%, 99%
XYZ	85.1505, 89.0659, 81.8228
YIQ	242.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

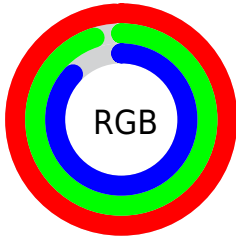
Format	Color
R _Y B	242, 253, 222
Decimal	16642526
CIE Lab	95.61, 0.94, 10.60
CIE LCh	96, 10.638, 84.943
Yxy	89.0659, 0.3326, 0.3479
Android (android.graphics.Color)	4294832606 (0xFFFD1DE)
YUV	242.4220, -10.0680, 9.2769
Hunter-Lab	94.3747, -4.1025, 14.6579

Details

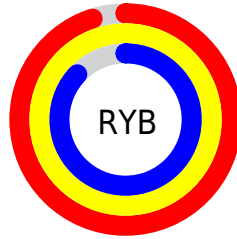
The YIQ color $242.4220, 13.2510, -3.3650$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.5780, -13.2510, 3.3650$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.2370, 12.3340, -3.2660$ is the 20% darker color. If you saturate the color by 10%, you get $233.7020, 24.0260, -5.9100$, and if you desaturate by 10%, it is $251.1420, 2.4760, -0.8200$.

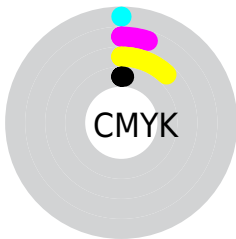
Distribution



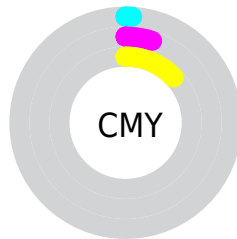
- Red (99%)
- Green (95%)
- Blue (87%)



- Red (95%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 242.4220, 13.2510, -3.3650 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 242.4220, 13.2510, -3.3650 by changing the saturation by 10% instead.


 242.4220, 13.2510,
-3.3650


 242.4220, 13.2510,
-3.3650


255.0000, -0.0000,
-0.0000


 214.1230, 12.6550,
-3.5770

 186.2370, 12.3340,
-3.2660

 159.3510, 12.0130,
-2.9550

 133.0520, 11.4170,
-3.1670

 108.0520, 11.4170,
-3.1670

 83.8670, 10.5000,
-3.0680

 60.6820, 9.5830,

-2.9690

■ 38.4970, 8.6660,
-2.8700

■ 17.7530, 10.8210,
-3.3790

■ 242.4220, 13.2510,
-3.3650

■ 242.4220, 13.2510,
-3.3650

■ 233.7020, 24.0260,
-5.9100

■ 251.1420, 2.4760,
-0.8200

■ 224.8680, 35.1220,
-8.7660

■ 254.4020, -1.1920,
-0.4240

■ 216.7350, 45.6220,
-11.8340

■ 208.0150, 56.3970,
-14.3790

■ 199.2950, 67.1720,
-16.9240

■ 190.4610, 78.2680,
-19.7800

■ 181.7410, 89.0430,
-22.3250

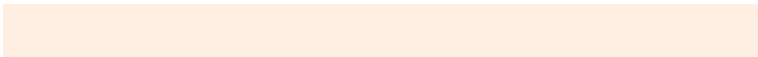
■ 173.6080, 99.5430,
-25.3930

■ 166.6320,
108.1630, -27.4290

Harmonies

Analogous

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



241.7150, 13.9840, -0.1280



242.4220, 13.2510, -3.3650



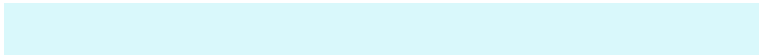
240.8230, 4.6320, -6.8560

Triad

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



242.4220, 13.2510, -3.3650



239.0730, -19.4390, -5.6390



244.0210, 4.6750, 8.8910

Complementary

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



242.4220, 13.2510, -3.3650



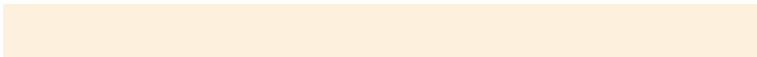
232.5780, -13.2510, 3.3650

Split Complementary

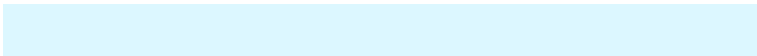
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.3080, -3.6230, 5.0890



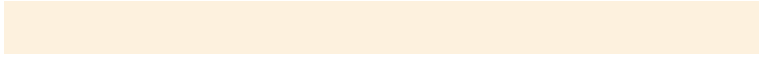
242.4220, 13.2510, -3.3650



239.8390, -18.6600, -3.2360

Square

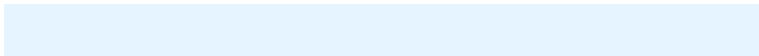
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.4220, 13.2510, -3.3650



239.6020, -13.7990, -8.7350



241.0680, -11.8750, 0.4530



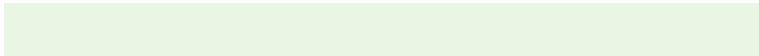
242.5930, 8.7560, 6.5160

Rectangle

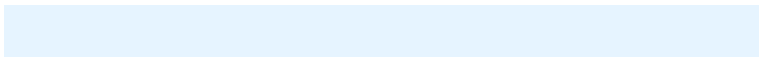
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.4220, 13.2510, -3.3650



240.0610, -1.9700, -8.3540



241.0680, -11.8750, 0.4530



243.8250, 2.2910, 8.0430

Sweetspot

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



242.4220, 13.2510, -3.3650



251.5120, 4.3100, -1.0180



232.6370, 14.6240, 10.3040



125.4410, 3.0720, -0.6080



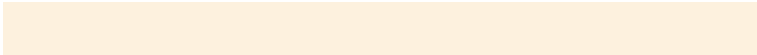
0.0000, 0.0000, 0.0000



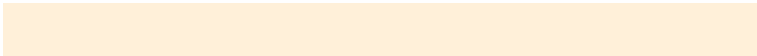
128.0000, -0.0000, -0.0000

Same Dimension

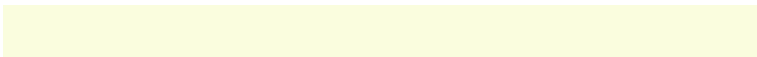
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4220, 13.2510, -3.3650



241.8630, 16.3230, -3.9730



248.5690, 8.1630, -10.2770



123.5830, 5.5480, -1.4280



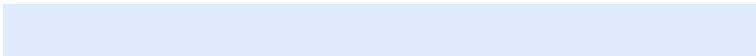
125.7880, 81.6610, -20.6990



42.0290, 27.4190, -6.8290

Inverse Universe

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



232.5780, -13.2510, 3.3650



230.1370, -16.3230, 3.9730



226.4310, -8.1630, 10.2770



119.4170, -5.5480, 1.4280



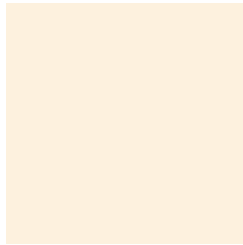
65.2120, -81.6610, 20.6990



21.9710, -27.4190, 6.8290

Previews

White Background



This preview shows how the YIQ color 242.4220, 13.2510, -3.3650 looks on a white background.

Color Contrast Check

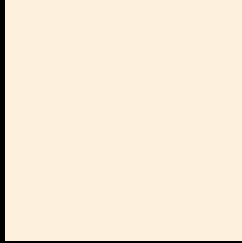
Large Text (above 18pt) WCAG AA × Fail

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 242.4220, 13.2510, -3.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

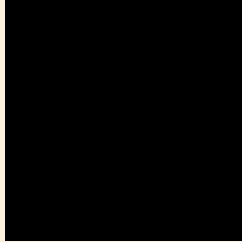
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 242.4220, 13.2510, -3.3650

Background



This preview shows how black text looks on a background with the YIQ color 242.4220, 13.2510, -3.3650.



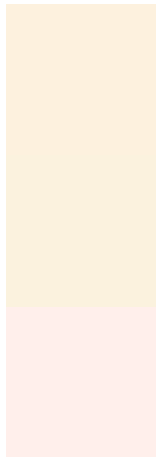
This preview shows how white text looks on a background with the YIQ color 242.4220, 13.2510,

-3.3650.

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

242.4220, 13.2510, -3.3650

Protanopia

242.4110, 11.7840, -4.3120

Deuteranopia

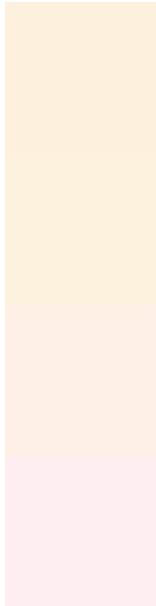
243.3280, 10.8200, 2.1480



Tritanopia

244.2060, 5.5920, 8.7920

Trichromacy



Original Color

242.4220, 13.2510, -3.3650

Protanomaly

242.7100, 12.3800, -4.1000

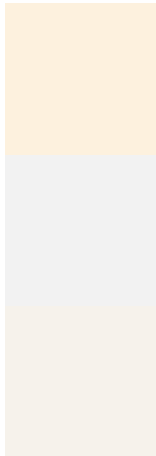
Deuteranomaly

243.0460, 11.5540, -0.1420

Tritanomaly

243.2400, 8.2520, 4.6360

Monochromacy



Original Color

242.4220, 13.2510, -3.3650

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.3980, 4.6310, -1.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.4220, 13.2510, -3.3650 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(253, 241, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 241, 222)  
}
```

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(253, 241, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 222) }
```

Border

The CSS property to change the border of an element to YIQ 242.4220, 13.2510, -3.3650 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(253, 241, 222) }
```


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

```
.border{ border-color:rgb(253, 241, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 241, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 222);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 242.4220, 13.2510, -3.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 222) }
```

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

```
.background{ background-color: rgb(253,  
241, 222) }
```

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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