

Converting Colors

YIQ(240.4100, 13.5250, 2.6850)

Have a look what the booklet for
YIQ(240.4100, 13.5250, 2.6850)
contains.

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Color

**YIQ(240.4100, 13.5250,
2.6850)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFEBE6 |
| RGB | 255, 235, 230 |
| RGB Percent | 100%, 92%, 90% |
| CMY | 0.0000, 0.0784, 0.0980 |
| CMYK | 0.00, 0.08, 0.10, 0.00 |
| HSL | 12°, 100%, 95% |
| HSV | 12°, 10%, 100% |
| XYZ | 85.2309, 86.3858, 87.0557 |
| YIQ | 240.4100, 13.5250, 2.6850 |

Conversions

Conversions Part 2

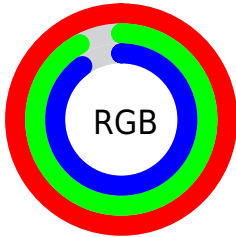
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 236, 230 |
| Decimal | 16772070 |
| CIE Lab | 94.48, 5.96, 4.85 |
| CIE LCh | 94, 7.687, 39.120 |
| Yxy | 86.3858, 0.3295, 0.3340 |
| Android (android.graphics.Color) | 4294962150 (0xFFFFE6E6) |
| YUV | 240.4100, -5.1321, 12.7954 |
| Hunter-Lab | 92.9440, 1.0350, 9.5270 |

Details

The YIQ color $240.4100, 13.5250, 2.6850$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.5900, -13.5250, -2.6850$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.2250, 12.6080, 2.7840$ is the 20% darker color. If you saturate the color by 10%, you get $225.8200, 27.0500, 5.3700$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

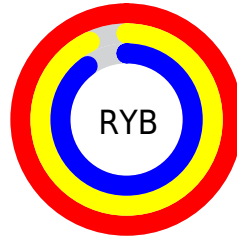
Distribution



Red (100%)

Green (92%)

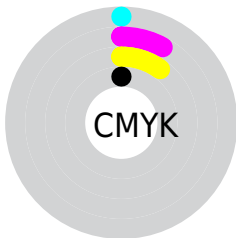
Blue (90%)



Red (100%)

Yellow (93%)

Blue (90%)

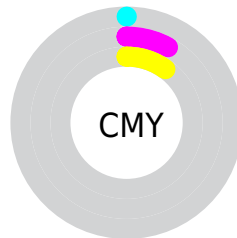


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.4100, 13.5250, 2.6850 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 240.4100, 13.5250, 2.6850 by changing the saturation by 10% instead.


 240.4100, 13.5250,
2.6850


 240.4100, 13.5250,
2.6850


255.0000, -0.0000,
-0.0000


 212.1110, 12.9290,
2.4730

 184.2250, 12.6080,
2.7840

 157.8120, 12.3330,
2.2610

 131.5130, 11.7370,
2.0490

 106.2140, 11.1410,
1.8370

 82.3280, 10.8200,
2.1480

 59.0290, 10.2240,

1.9360

■ 36.8440, 9.3070,
2.0350

■ 15.3990, 12.0580,
1.7380

■ 240.4100, 13.5250,
2.6850

■ 240.4100, 13.5250,
2.6850

■ 225.8200, 27.0500,
5.3700

255.0000, -0.0000,
-0.0000

■ 210.5290, 41.1710,
8.2670

■ 195.9390, 54.6960,
10.9520

■ 180.6480, 68.8170,
13.8490

■ 166.0580, 82.3420,
16.5340

■ 151.3540, 96.1880,
18.9080

■ 136.1770,
109.9880, 22.1160

■ 121.4730,
123.8340, 24.4900

■ 106.2960,
137.6340, 27.6980

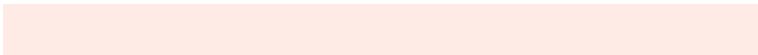
Harmonies

Analogous

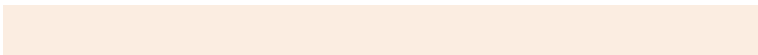
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6210, 11.5530, 5.3850



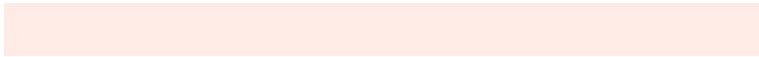
240.4100, 13.5250, 2.6850



239.8180, 12.1960, -0.7640

Triad

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



240.4100, 13.5250, 2.6850



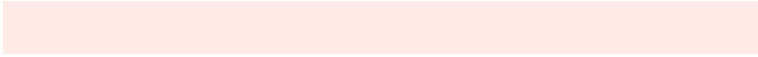
237.1900, -6.6470, -6.1910



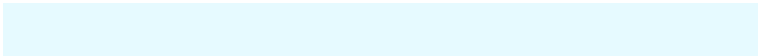
239.2150, -7.7950, 3.6050

Complementary

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



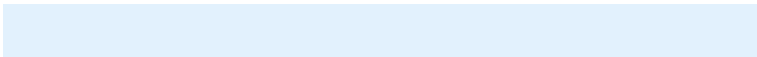
240.4100, 13.5250, 2.6850



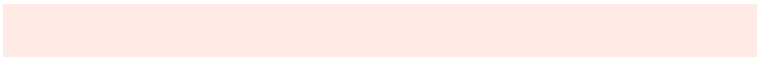
244.5900, -13.5250, -2.6850

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.



237.8830, -12.7920, 0.5520



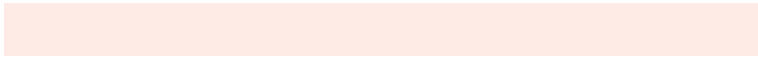
240.4100, 13.5250, 2.6850



237.0800, -12.1490, -5.5970

Square

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



240.4100, 13.5250, 2.6850



237.8980, 0.0470, -6.3610



237.2910, -14.1210, -2.8970



240.6890, -0.3220, 5.8380

Rectangle

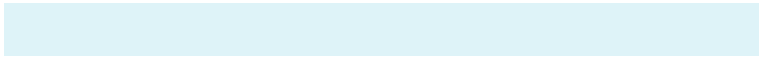
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



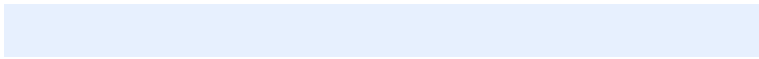
240.4100, 13.5250, 2.6850



238.7960, 9.2620, -2.6580



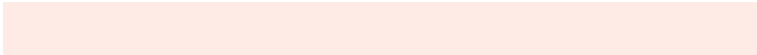
237.2910, -14.1210, -2.8970



238.9050, -9.8580, 2.4460

Sweetspot

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



240.4100, 13.5250, 2.6850



250.5660, 4.2180, 0.6500



239.7550, 8.4800, 11.5200



124.3810, 3.3010, 0.7490



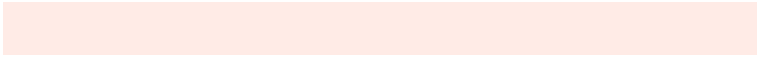
0.0000, 0.0000, 0.0000



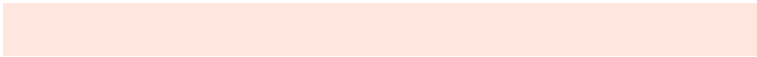
128.0000, -0.0000, -0.0000

Same Dimension

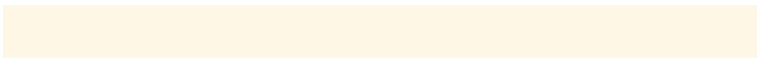
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.4100, 13.5250, 2.6850



237.3780, 16.5510, 2.9110



247.4540, 10.2250, -3.5910



120.0610, 7.1980, 1.7100



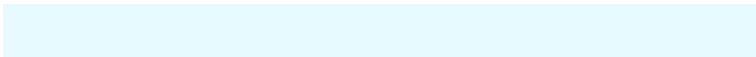
79.4150, 103.3860, 20.6180



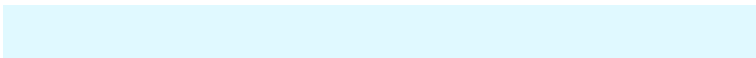
26.7670, 34.5690, 6.7690

Inverse Universe

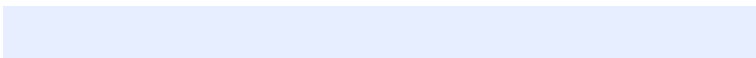
The Inverse Universe completely reimagines the original color for something new.



244.5900, -13.5250, -2.6850



242.2090, -16.8260, -3.4340



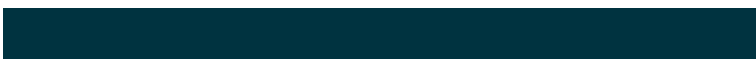
237.5460, -10.2250, 3.5910



122.3520, -6.9230, -1.1870



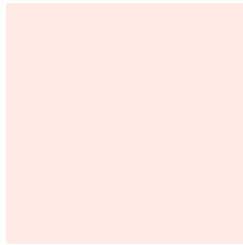
111.5850, -103.3860, -20.6180



37.2330, -34.5690, -6.7690

Previews

White Background



This preview shows how the YIQ color 240.4100, 13.5250, 2.6850 looks on a white background.

Color Contrast Check

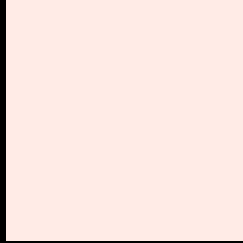
Large Text (above 18pt) WCAG AA × Fail

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 240.4100, 13.5250, 2.6850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

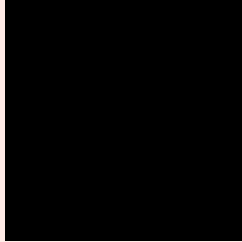
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

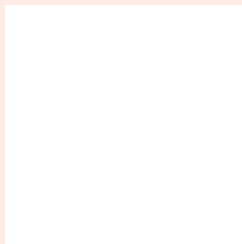
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.4100, 13.5250, 2.6850

Background



This preview shows how black text looks on a background with the YIQ color 240.4100, 13.5250, 2.6850.



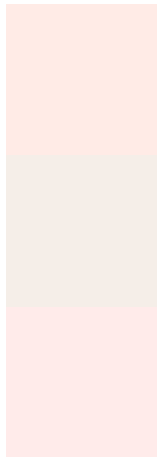
This preview shows how white text looks on a background with the YIQ color 240.4100, 13.5250,

2.6850.

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

240.4100, 13.5250, 2.6850

Protanopia

239.4090, 6.0980, -0.3820

Deuteranopia

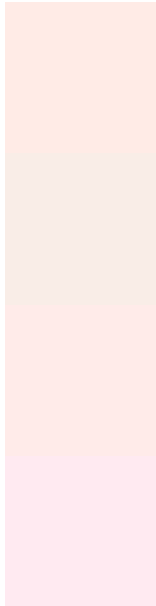
240.8660, 12.2410, 3.9290



Tritanopia

241.2880, 8.2970, 9.3290

Trichromacy



Original Color

240.4100, 13.5250, 2.6850

Protanomaly

239.9040, 9.0780, 0.6780

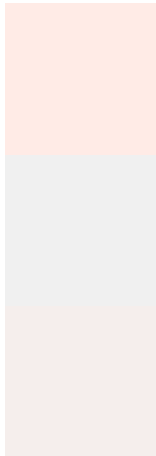
Deuteranomaly

240.7520, 12.5620, 3.6180

Tritanomaly

241.0770, 10.2690, 6.6290

Monochromacy



Original Color

240.4100, 13.5250, 2.6850

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.8650, 4.8140, 0.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.4100, 13.5250, 2.6850 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, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 230)  
}
```

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, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 230) }
```

Border

The CSS property to change the border of an element to YIQ 240.4100, 13.5250, 2.6850 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, 235, 230) }
```


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

```
.border{ border-color:rgb(255, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 240.4100, 13.5250, 2.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 230) }
```

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

```
.background{ background-color: rgb(255,  
235, 230) }
```

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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