

Converting Colors

YIQ(240.4440, 16.1850, -1.4710)

Have a look what the booklet for
YIQ(240.4440, 16.1850, -1.4710)
contains.

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Color

**YIQ(240.4440, 16.1850,
-1.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDDC
RGB	255, 237, 220
RGB Percent	100%, 93%, 86%
CMY	0.0000, 0.0706, 0.1372
CMYK	0.00, 0.07, 0.14, 0.00
HSL	29°, 100%, 93%
HSV	29°, 14%, 100%
XYZ	84.4429, 86.9923, 80.0644
YIQ	240.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

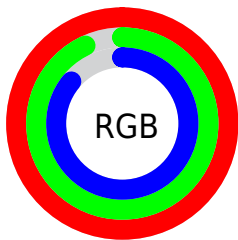
Format	Color
R _Y B	255, 253, 220
Decimal	16772572
CIE Lab	94.74, 3.36, 10.40
CIE LCh	95, 10.933, 72.093
Yxy	86.9923, 0.3358, 0.3459
Android (android.graphics.Color)	4294962652 (0xFFFFEDDC)
YUV	240.4440, -10.0789, 12.7656
Hunter-Lab	93.2697, -1.6147, 14.3931

Details

The YIQ color $240.4440, 16.1850, -1.4710$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.5560, -16.1850, 1.4710$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.2590, 15.2680, -1.3720$ is the 20% darker color. If you saturate the color by 10%, you get $229.9630, 27.7850, -2.4470$, and if you desaturate by 10%, it is $251.0390, 4.2640, -0.1840$.

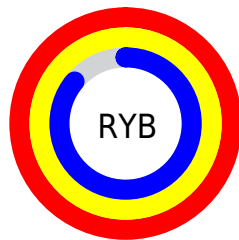
Distribution



Red (100%)

Green (93%)

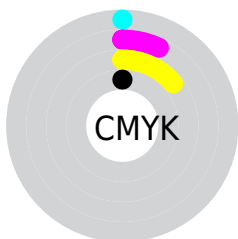
Blue (86%)



Red (100%)

Yellow (99%)

Blue (86%)

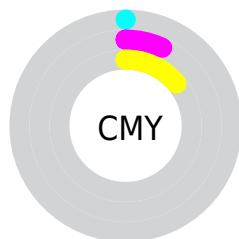


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.4440, 16.1850, -1.4710 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 240.4440, 16.1850, -1.4710 by changing the saturation by 10% instead.


 240.4440, 16.1850,
-1.4710


 240.4440, 16.1850,
-1.4710


255.0000, -0.0000,
-0.0000


 212.1450, 15.5890,
-1.6830

 184.2590, 15.2680,
-1.3720

 157.3730, 14.9470,
-1.0610

 131.0740, 14.3510,
-1.2730

 105.8890, 13.4340,
-1.1740

 81.5900, 12.8380,
-1.3860

 58.4050, 11.9210,

-1.2870

■ 37.2200, 11.0040,
-1.1880

■ 16.2910, 12.2420,
-1.5980

■ 240.4440, 16.1850,
-1.4710

■ 240.4440, 16.1850,
-1.4710

■ 229.9630, 27.7850,
-2.4470

■ 251.0390, 4.2640,
-0.1840

■ 219.3680, 39.7060,
-3.7340

255.0000, -0.0000,
-0.0000

■ 208.8870, 51.3060,
-4.7100

■ 198.2920, 63.2270,
-5.9970

■ 187.2240, 75.1020,
-6.4500

■ 176.6290, 87.0230,
-7.7370

■ 166.1480, 98.6230,
-8.7130

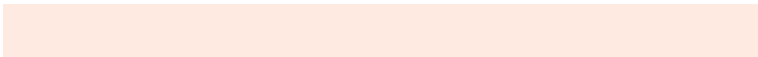
■ 155.5530,
110.5440, -10.0000

■ 149.0330,
117.8800, -10.7920

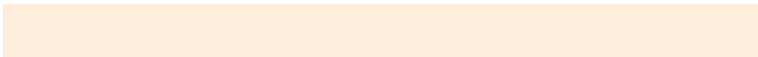
Harmonies

Analogous

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



239.3670, 15.0840, 1.9640



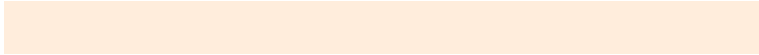
240.4440, 16.1850, -1.4710



238.8020, 9.1250, -5.6830

Triad

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



240.4440, 16.1850, -1.4710



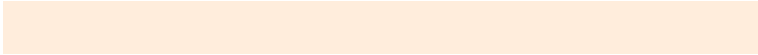
236.5030, -17.8340, -7.1940



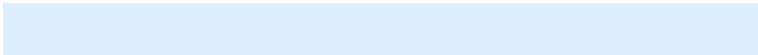
241.4550, 0.4570, 8.2410

Complementary

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



240.4440, 16.1850, -1.4710



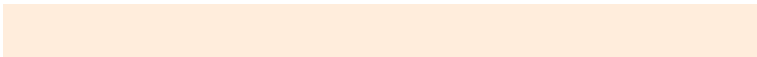
234.5560, -16.1850, 1.4710

Split Complementary

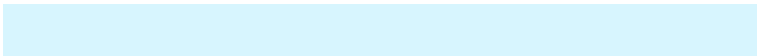
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.3290, -8.1160, 3.9160



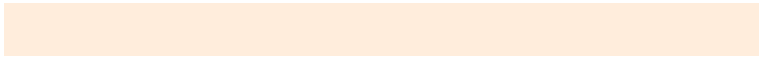
240.4440, 16.1850, -1.4710



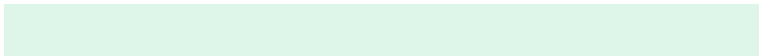
237.0560, -20.7690, -3.5610

Square

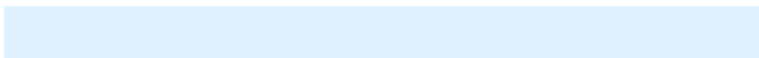
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.4440, 16.1850, -1.4710



237.0430, -10.7270, -9.3430



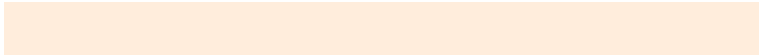
238.0890, -16.3680, -0.7200



241.1740, 8.6180, 9.0180

Rectangle

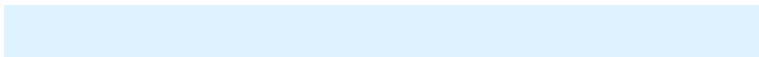
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.4440, 16.1850, -1.4710



238.5130, 2.5690, -8.0150



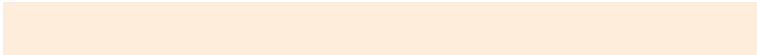
238.0890, -16.3680, -0.7200



240.8460, -2.2020, 6.8700

Sweetspot

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



240.4440, 16.1850, -1.4710



250.9250, 4.5850, -0.4950



232.5170, 15.0820, 13.0180



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



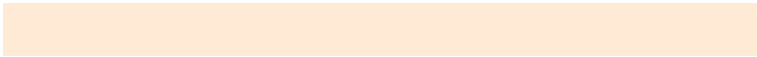
128.0000, -0.0000, -0.0000

Same Dimension

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



240.4440, 16.1850, -1.4710



237.9990, 18.9360, -1.7680



250.4230, 11.5100, -10.3620



122.4090, 6.0980, -0.3820



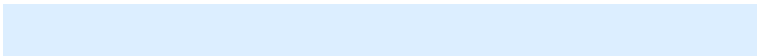
111.7000, 88.2610, -8.1470



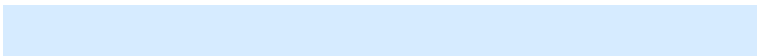
37.3330, 29.6190, -2.6450

Inverse Universe

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



234.5560, -16.1850, 1.4710



231.0010, -18.9360, 1.7680



224.5770, -11.5100, 10.3620



120.0040, -5.8230, 0.9050



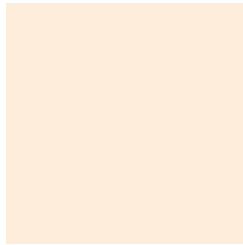
79.3000, -88.2610, 8.1470



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 240.4440, 16.1850, -1.4710 looks on a white background.

Color Contrast Check

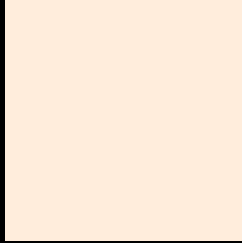
Large Text (above 18pt) WCAG AA × Fail

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 240.4440, 16.1850, -1.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

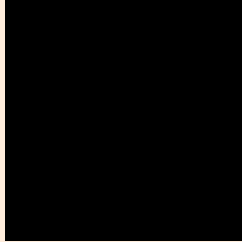
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.4440, 16.1850, -1.4710

Background



This preview shows how black text looks on a background with the YIQ color 240.4440, 16.1850, -1.4710.



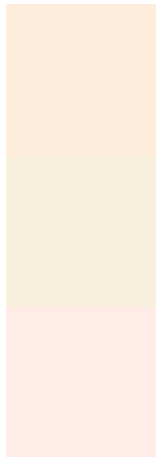
This preview shows how white text looks on a background with the YIQ color 240.4440, 16.1850, -1.4710.

-1.4710.

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

240.4440, 16.1850, -1.4710

Protanopia

239.9380, 11.7380, -3.4780

Deuteranopia

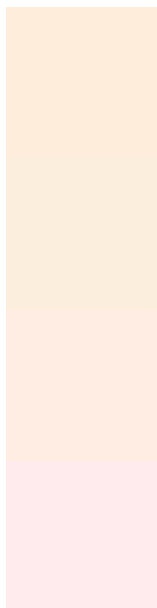
241.1110, 12.9290, 2.4730



Tritanopia

241.8750, 8.0220, 8.8060

Trichromacy



Original Color

240.4440, 16.1850, -1.4710

Protanomaly

239.9490, 13.2050, -2.5310

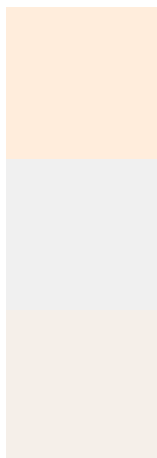
Deuteranomaly

240.6550, 14.2130, 1.2290

Tritanomaly

241.3220, 10.9570, 5.1730

Monochromacy



Original Color

240.4440, 16.1850, -1.4710

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.4440, 16.1850, -1.4710 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, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 220)  
}
```

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, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 220) }
```

Border

The CSS property to change the border of an element to YIQ 240.4440, 16.1850, -1.4710 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, 237, 220) }
```


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

```
.border{ border-color:rgb(255, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 240.4440, 16.1850, -1.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 220) }
```

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

```
.background{ background-color: rgb(255,  
237, 220) }
```

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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