

Converting Colors

YIQ(240.2160, 16.8270, -2.0930)

Have a look what the booklet for
YIQ(240.2160, 16.8270, -2.0930)
contains.

YIQ(240.2160, 16.8270, -2.0930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(240.2160, 16.8270,
-2.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDDA
RGB	255, 237, 218
RGB Percent	100%, 93%, 85%
CMY	0.0000, 0.0706, 0.1450
CMYK	0.00, 0.07, 0.15, 0.00
HSL	31°, 100%, 93%
HSV	31°, 15%, 100%
XYZ	84.1796, 86.8870, 78.6781
YIQ	240.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

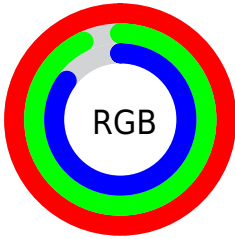
Format	Color
R _Y B	253, 255, 218
Decimal	16772570
CIE Lab	94.69, 3.05, 11.37
CIE LCh	95, 11.777, 74.970
Yxy	86.8870, 0.3371, 0.3479
Android (android.graphics.Color)	4294962650 (0xFFFFE2DA)
YUV	240.2160, -10.9525, 12.9656
Hunter-Lab	93.2132, -1.9221, 15.2046

Details

The YIQ color $240.2160, 16.8270, -2.0930$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.7840, -16.8270, 2.0930$, 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 $184.0310, 15.9100, -1.9940$ is the 20% darker color. If you saturate the color by 10%, you get $230.3220, 28.1520, -3.5920$, and if you desaturate by 10%, it is $250.2240, 5.1810, -0.2830$.

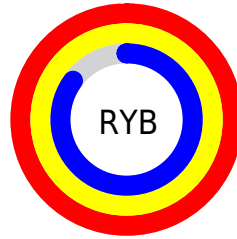
Distribution



Red (100%)

Green (93%)

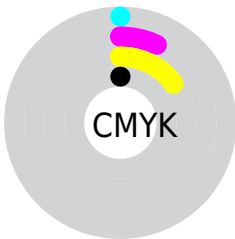
Blue (85%)



Red (99%)

Yellow (100%)

Blue (85%)

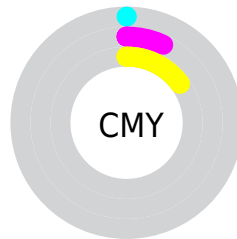


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.2160, 16.8270, -2.0930 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 240.2160, 16.8270, -2.0930 by changing the saturation by 10% instead.


 240.2160, 16.8270,
-2.0930


 240.2160, 16.8270,
-2.0930


255.0000, -0.0000,
-0.0000


 211.9170, 16.2310,
-2.3050

 184.0310, 15.9100,
-1.9940

 157.1450, 15.5890,
-1.6830

 130.8460, 14.9930,
-1.8950

 105.6610, 14.0760,
-1.7960

 81.4760, 13.1590,
-1.6970

 58.8780, 11.9670,

-2.1210

■ 36.6930, 11.0500,
-2.0220

■ 15.9920, 11.6460,
-1.8100

■ 240.2160, 16.8270,
-2.0930

■ 240.2160, 16.8270,
-2.0930

■ 230.3220, 28.1520,
-3.5920

■ 250.2240, 5.1810,
-0.2830

■ 219.7270, 40.0730,
-4.8790

255.0000, -0.0000,
-0.0000

■ 209.8330, 51.3980,
-6.3780

■ 199.2380, 63.3190,
-7.6650

■ 189.3440, 74.6440,
-9.1640

■ 179.3360, 86.2900,
-10.9740

■ 168.8550, 97.8900,
-11.9500

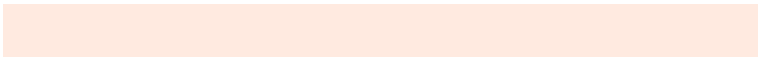
■ 158.8470,
109.5360, -13.7600

■ 153.1420,
115.9550, -14.4530

Harmonies

Analogous

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



239.1390, 15.7260, 1.3420



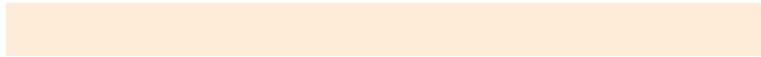
240.2160, 16.8270, -2.0930



238.9760, 8.5750, -6.7290

Triad

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



240.2160, 16.8270, -2.0930



236.3070, -20.2180, -8.0420



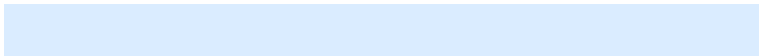
241.4660, 1.9240, 9.1880

Complementary

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



240.2160, 16.8270, -2.0930



232.7840, -16.8270, 2.0930

Split Complementary

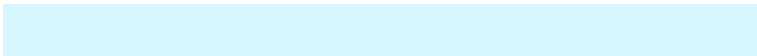
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.6280, -7.5200, 4.1280



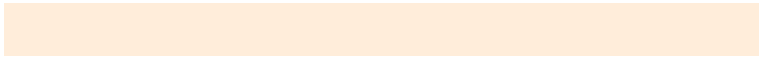
240.2160, 16.8270, -2.0930



236.5720, -22.2820, -3.6740

Square

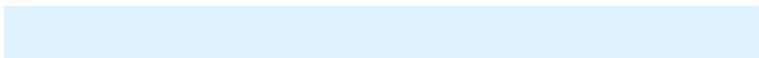
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.2160, 16.8270, -2.0930



236.1460, -12.5150, -9.9790



237.5020, -16.0930, -0.1970



241.0600, 8.9390, 8.7070

Rectangle

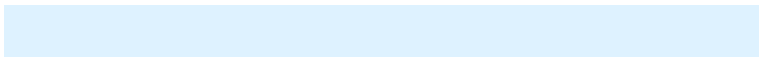
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.2160, 16.8270, -2.0930



237.8010, 1.6980, -8.7500



237.5020, -16.0930, -0.1970



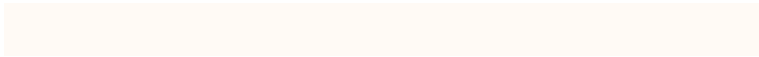
240.5580, -1.3310, 7.6050

Sweetspot

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



240.2160, 16.8270, -2.0930



250.9250, 4.5850, -0.4950



231.2290, 15.9530, 13.7530



124.8540, 3.3470, -0.0850



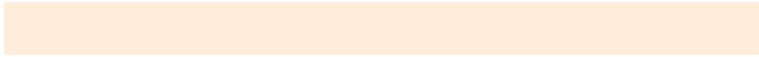
0.0000, 0.0000, 0.0000



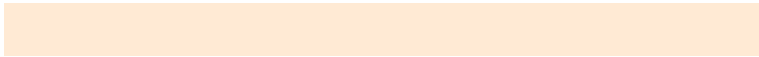
128.0000, -0.0000, -0.0000

Same Dimension

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



240.2160, 16.8270, -2.0930



237.7710, 19.5780, -2.3900



250.7820, 11.8770, -11.5070



122.4090, 6.0980, -0.3820



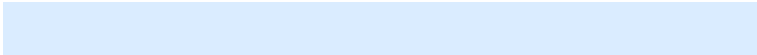
114.6350, 86.8860, -10.7620



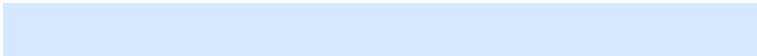
38.5070, 29.0690, -3.6910

Inverse Universe

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



232.7840, -16.8270, 2.0930



229.2290, -19.5780, 2.3900



222.2180, -11.8770, 11.5070



120.0040, -5.8230, 0.9050



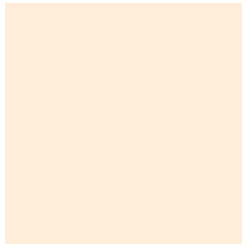
76.3650, -86.8860, 10.7620



25.4930, -29.0690, 3.6910

Previews

White Background



This preview shows how the YIQ color 240.2160, 16.8270, -2.0930 looks on a white background.

Color Contrast Check

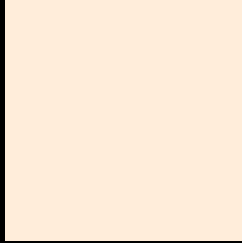
Large Text (above 18pt) WCAG AA × Fail

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 240.2160, 16.8270, -2.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

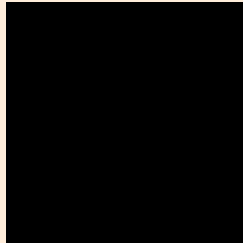
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.2160, 16.8270, -2.0930

Background



This preview shows how black text looks on a background with the YIQ color 240.2160, 16.8270, -2.0930.



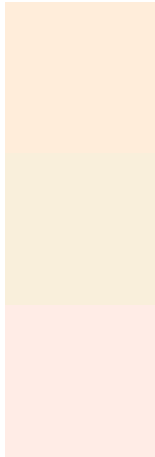
This preview shows how white text looks on a background with the YIQ color 240.2160, 16.8270,

-2.0930.

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

240.2160, 16.8270, -2.0930

Protanopia

239.7100, 12.3800, -4.1000

Deuteranopia

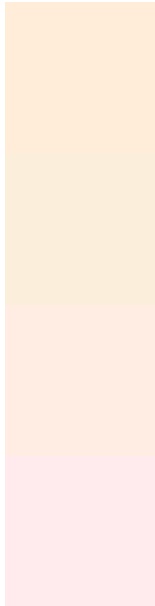
240.9970, 13.2500, 2.1620



Tritanopia

241.8750, 8.0220, 8.8060

Trichromacy



Original Color

240.2160, 16.8270, -2.0930

Protanomaly

239.7210, 13.8470, -3.1530

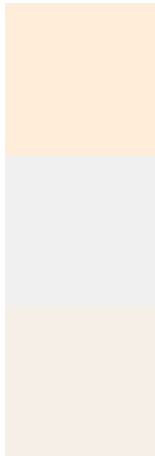
Deuteranomaly

240.5410, 14.5340, 0.9180

Tritanomaly

241.2080, 11.2780, 4.8620

Monochromacy



Original Color

240.2160, 16.8270, -2.0930

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.2160, 16.8270, -2.0930 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 218) }
```

Border

The CSS property to change the border of an element to YIQ 240.2160, 16.8270, -2.0930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

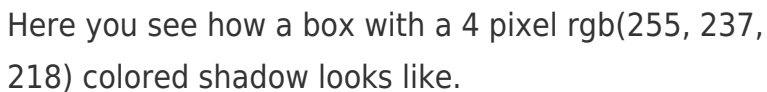
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 237, 218) }
```


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

```
.border{ border-color:rgb(255, 237, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 218); box-shadow:4px 4px 4px 4px rgb(255, 237, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 240.2160, 16.8270, -2.0930 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
237, 218) }
```

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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