

Converting Colors

YIQ(238.0080, 14.7170, 3.1090)

Have a look what the booklet for
YIQ(238.0080, 14.7170, 3.1090)
contains.

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Color

**YIQ(238.0080, 14.7170,
3.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE8E3
RGB	254, 232, 227
RGB Percent	100%, 91%, 89%
CMY	0.0039, 0.0902, 0.1097
CMYK	0.00, 0.09, 0.11, 0.00
HSL	11°, 93%, 94%
HSV	11°, 11%, 100%
XYZ	83.5990, 84.3281, 84.5554
YIQ	238.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

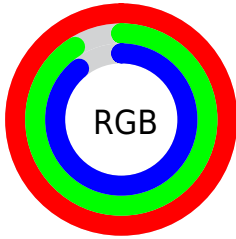
Format	Color
R_{YB}	254, 233, 227
Decimal	16705763
CIE Lab	93.59, 6.68, 5.12
CIE LCh	94, 8.415, 37.477
Yxy	84.3281, 0.3311, 0.3340
Android (android.graphics.Color)	4294895843 (0xFFFE8E3)
YUV	238.0080, -5.4269, 14.0250
Hunter-Lab	91.8304, 1.7967, 9.6883

Details

The YIQ color $238.0080, 14.7170, 3.1090$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.9920, -14.7170, -3.1090$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.8230, 13.8000, 3.2080$ is the 20% darker color. If you saturate the color by 10%, you get $222.8310, 28.5170, 6.3170$, and if you desaturate by 10%, it is $253.1850, 0.9170, -0.0990$.

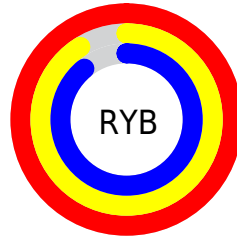
Distribution



Red (100%)

Green (91%)

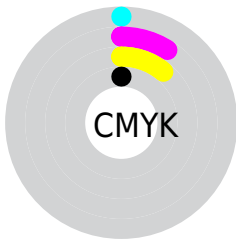
Blue (89%)



Red (100%)

Yellow (91%)

Blue (89%)

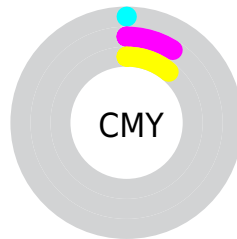


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (9%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 238.0080, 14.7170, 3.1090 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 238.0080, 14.7170, 3.1090 by changing the saturation by 10% instead.


 238.0080, 14.7170,
3.1090


 238.0080, 14.7170,
3.1090


255.0000, -0.0000,
-0.0000


 209.7090, 14.1210,
2.8970

 181.8230, 13.8000,
3.2080

 155.4100, 13.5250,
2.6850

 129.2250, 12.6080,
2.7840

 103.9260, 12.0120,
2.5720

 79.9260, 12.0120,
2.5720

 56.7410, 11.0950,

2.6710

■ 35.1430, 9.9030,
2.2470

■ 12.2960, 13.8460,
2.3740

■ 238.0080, 14.7170,
3.1090

■ 238.0080, 14.7170,
3.1090

■ 222.8310, 28.5170,
6.3170

■ 253.1850, 0.9170,
-0.0990

■ 208.1270, 42.3630,
8.6910

254.7010, -0.5960,
-0.2120

■ 192.9500, 56.1630,
11.8990

■ 177.6590, 70.2840,
14.7960

■ 162.4820, 84.0840,
18.0040

■ 147.8920, 97.6090,
20.6890

■ 132.6010,
111.7300, 23.5860

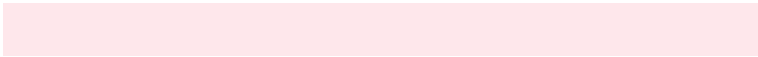
■ 117.4240,
125.5300, 26.7940

■ 103.5350,
138.4590, 29.2670

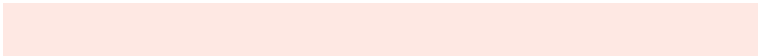
Harmonies

Analogous

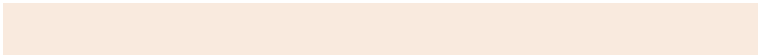
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3330, 12.4240, 6.1200



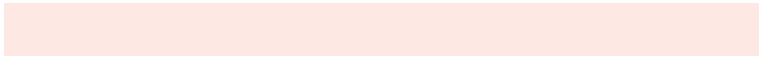
238.0080, 14.7170, 3.1090



237.1170, 12.7920, -0.5520

Triad

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



238.0080, 14.7170, 3.1090



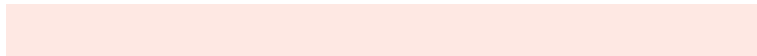
234.3640, -7.1970, -7.2370



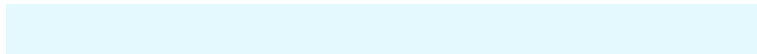
236.9160, -8.3910, 3.3930

Complementary

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



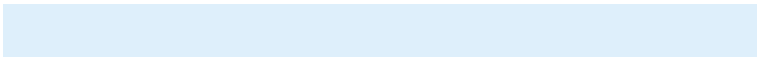
238.0080, 14.7170, 3.1090



242.9920, -14.7170, -3.1090

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.



235.2850, -13.9840, 0.1280



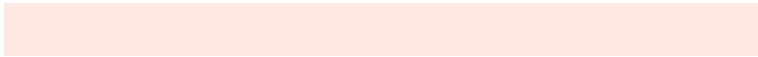
238.0080, 14.7170, 3.1090



234.3680, -13.0200, -6.3320

Square

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



238.0080, 14.7170, 3.1090



235.1970, 0.6430, -6.1490



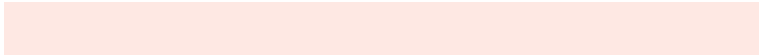
234.3940, -15.9090, -3.5330



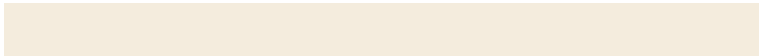
237.8030, -0.6430, 6.1490

Rectangle

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



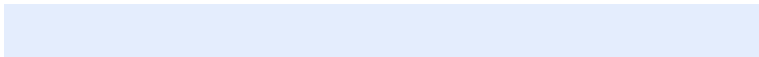
238.0080, 14.7170, 3.1090



236.6820, 9.5830, -2.9690



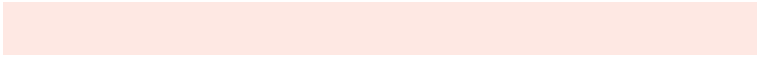
234.3940, -15.9090, -3.5330



236.1330, -10.5000, 3.0680

Sweetspot

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



238.0080, 14.7170, 3.1090



250.5660, 4.2180, 0.6500



237.5810, 9.0300, 12.5660



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



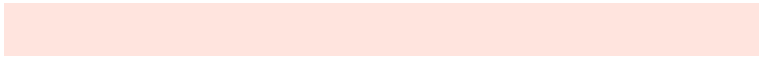
128.0000, -0.0000, -0.0000

Same Dimension

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



238.0080, 14.7170, 3.1090



235.3890, 18.0180, 3.8580



245.6390, 11.1420, -3.6900



120.0610, 7.1980, 1.7100



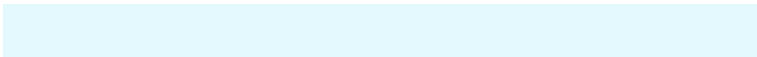
77.6540, 104.2110, 22.1870



26.1800, 34.8440, 7.2920

Inverse Universe

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



242.9920, -14.7170, -3.1090



241.6110, -18.0180, -3.8580



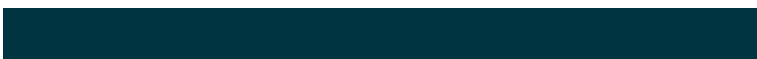
235.3610, -11.1420, 3.6900



122.3520, -6.9230, -1.1870



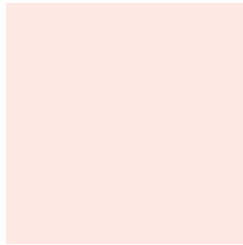
113.3460, -104.2110, -22.1870



37.8200, -34.8440, -7.2920

Previews

White Background



This preview shows how the YIQ color 238.0080, 14.7170, 3.1090 looks on a white background.

Color Contrast Check

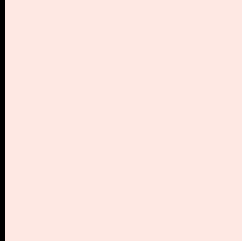
Large Text (above 18pt) WCAG AA × Fail

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 238.0080, 14.7170, 3.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

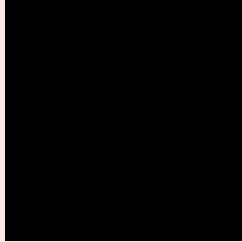
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

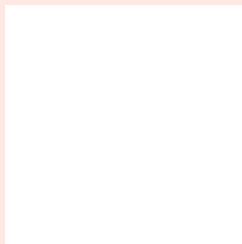
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.0080, 14.7170, 3.1090

Background



This preview shows how black text looks on a background with the YIQ color 238.0080, 14.7170, 3.1090.



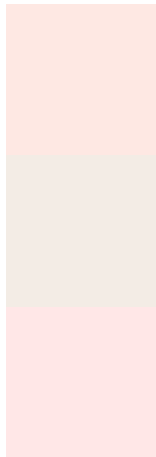
This preview shows how white text looks on a background with the YIQ color 238.0080, 14.7170,

3.1090.

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

238.0080, 14.7170, 3.1090

Protanopia

237.2950, 6.4190, -0.6930

Deuteranopia

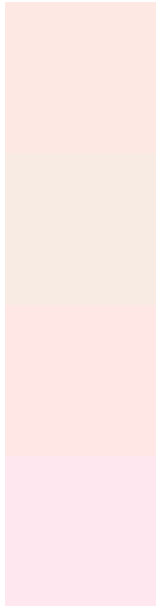
238.1760, 14.3040, 5.0880



Tritanopia

239.2990, 9.7640, 10.2760

Trichromacy



Original Color

238.0080, 14.7170, 3.1090

Protanomaly

237.7900, 9.3990, 0.3670

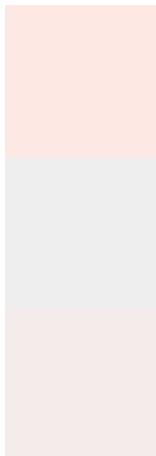
Deuteranomaly

238.0620, 14.6250, 4.7770

Tritanomaly

239.0880, 11.7360, 7.5760

Monochromacy



Original Color

238.0080, 14.7170, 3.1090

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.0080, 14.7170, 3.1090 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(254, 232, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 227)  
}
```

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(254, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 227) }
```

Border

The CSS property to change the border of an element to YIQ 238.0080, 14.7170, 3.1090 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(254, 232, 227) }
```


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

```
.border{ border-color:rgb(254, 232, 227) }
```

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

Here you see how a box with a 4 pixel rgb(254, 232, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 238.0080, 14.7170, 3.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 227) }
```

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

```
.background{ background-color: rgb(254,  
232, 227) }
```

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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