

Converting Colors

YIQ(219.0080, 14.7170, 3.1090)

Have a look what the booklet for
YIQ(219.0080, 14.7170, 3.1090)
contains.

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Color

**YIQ(219.0080, 14.7170,
3.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD5D0
RGB	235, 213, 208
RGB Percent	92%, 84%, 82%
CMY	0.0784, 0.1647, 0.1842
CMYK	0.00, 0.09, 0.11, 0.08
HSL	11°, 40%, 87%
HSV	11°, 11%, 92%
XYZ	69.4441, 69.8030, 69.4980
YIQ	219.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

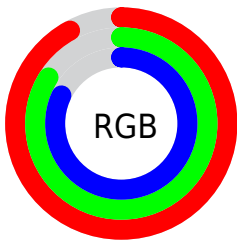
Format	Color
R _Y B	235, 214, 208
Decimal	15455696
CIE Lab	86.90, 6.80, 5.21
CIE LCh	87, 8.569, 37.479
Yxy	69.8030, 0.3327, 0.3344
Android (android.graphics.Color)	4293645776 (0xFFEBD5D0)
YUV	219.0080, -5.4269, 14.0250
Hunter-Lab	83.5482, 2.1575, 9.1645

Details

The YIQ color **219.0080, 14.7170, 3.1090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223.9920, -14.7170, -3.1090**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.8230, 13.8000, 3.2080** is the 20% darker color. If you saturate the color by 10%, you get **205.2330, 27.3250, 5.8930**, and if you desaturate by 10%, it is **232.8970, 1.7880, 0.6360**.

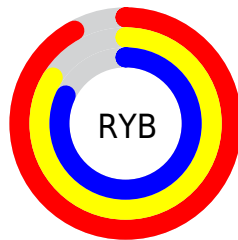
Distribution



Red (92%)

Green (84%)

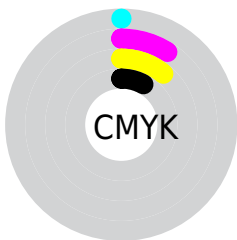
Blue (82%)



Red (92%)

Yellow (84%)

Blue (82%)

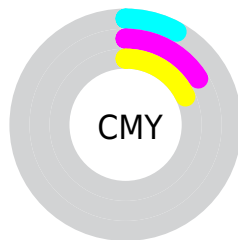


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.0080, 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 219.0080, 14.7170, 3.1090 by changing the saturation by 10% instead.

219.0080, 14.7170,
3.1090

219.0080, 14.7170,
3.1090

255.0000, -0.0000,
-0.0000

191.0080, 14.7170,
3.1090

163.8230, 13.8000,
3.2080

137.5240, 13.2040,
2.9960

112.2250, 12.6080,
2.7840

87.9260, 12.0120,
2.5720

64.6270, 11.4160,
2.3600

42.3280, 10.8200,

2.1480

■ 21.9150, 10.5450,
1.6250

■ 0.0000, 0.0000,
0.0000

■ 219.0080, 14.7170,
3.1090

■ 219.0080, 14.7170,
3.1090

■ 205.2330, 27.3250,
5.8930

■ 232.8970, 1.7880,
0.6360

■ 191.3440, 40.2540,
8.3660

■ 246.6720,
-10.8200, -2.1480

■ 176.9820, 53.1370,
11.6730

■ 249.0200,
-11.9200, -4.2400

■ 163.0930, 66.0660,
14.1460

■ 149.3180, 78.6740,
16.9300

■ 135.4290, 91.6030,
19.4030

■ 121.6540,
104.2110, 22.1870

■ 107.7650,
117.1400, 24.6600

■ 95.5060, 128.2350,
27.3310

Harmonies

Analogous

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



219.3330, 12.4240, 6.1200



219.0080, 14.7170, 3.1090



218.1170, 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.



219.0080, 14.7170, 3.1090



215.3640, -7.1970, -7.2370



218.0300, -8.7120, 3.7040

Complementary

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



219.0080, 14.7170, 3.1090



223.9920, -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.



216.2850, -13.9840, 0.1280



219.0080, 14.7170, 3.1090



215.3680, -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.



219.0080, 14.7170, 3.1090



216.1970, 0.6430, -6.1490



215.3940, -15.9090, -3.5330



218.8030, -0.6430, 6.1490

Rectangle

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



219.0080, 14.7170, 3.1090



217.5680, 9.9040, -3.2800



215.3940, -15.9090, -3.5330



217.1330, -10.5000, 3.0680

Sweetspot

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



219.0080, 14.7170, 3.1090



250.5660, 4.2180, 0.6500



218.5810, 9.0300, 12.5660



124.3810, 3.3010, 0.7490



0.0000, 0.0000, 0.0000



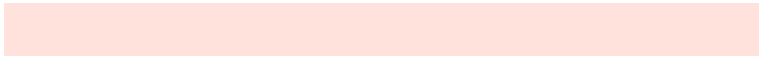
128.0000, -0.0000, -0.0000

Same Dimension

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



219.0080, 14.7170, 3.1090



233.8730, 19.5310, 3.9710



226.6390, 11.1420, -3.6900



110.4630, 6.0060, 1.2860



73.4900, 98.8010, 21.1130



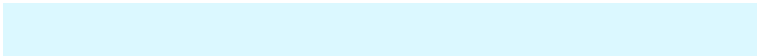
22.0160, 29.4340, 6.2180

Inverse Universe

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



223.9920, -14.7170, -3.1090



240.1270, -19.5310, -3.9710



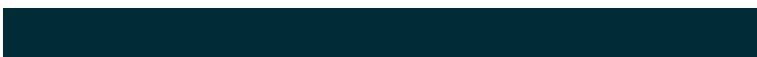
216.3610, -11.1420, 3.6900



112.5370, -6.0060, -1.2860



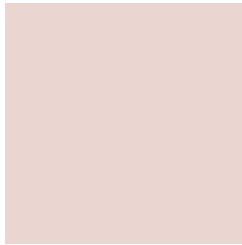
107.5100, -98.8010, -21.1130



31.9840, -29.4340, -6.2180

Previews

White Background



This preview shows how the YIQ color 219.0080, 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 219.0080, 14.7170, 3.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

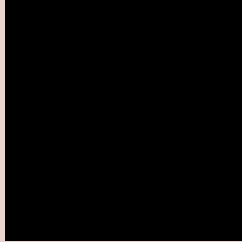
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

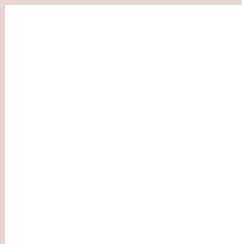
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.0080, 14.7170, 3.1090

Background



This preview shows how black text looks on a background with the YIQ color 219.0080, 14.7170, 3.1090.



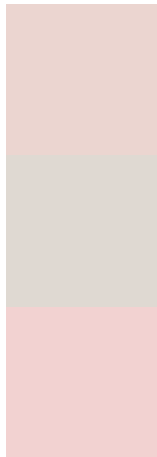
This preview shows how white text looks on a background with the YIQ color 219.0080, 14.7170,

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

219.0080, 14.7170, 3.1090

Protanopia

217.9960, 5.8230, -0.9050

Deuteranopia

219.4540, 19.3930, 6.4730



Tritanopia

220.3100, 11.2310, 11.2230

Trichromacy



Original Color

219.0080, 14.7170, 3.1090

Protanomaly

218.4910, 8.8030, 0.1550

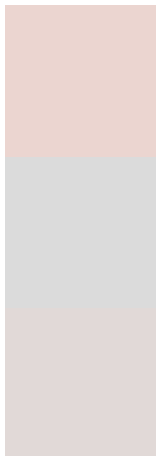
Deuteranomaly

219.1440, 17.3300, 5.3140

Tritanomaly

219.8000, 12.6070, 8.3110

Monochromacy



Original Color

219.0080, 14.7170, 3.1090

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.0080, 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(235, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 208)  
}
```

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(235, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 208) }
```

Border

The CSS property to change the border of an element to YIQ 219.0080, 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(235, 213, 208) }
```


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

```
.border{ border-color:rgb(235, 213, 208) }
```

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

Here you see how a box with a 4 pixel rgb(235, 213, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 219.0080, 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(235, 213, 208) }
```

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

```
.background{ background-color: rgb(235,  
213, 208) }
```

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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