

Converting Colors

YIQ(219.4950, 12.1480, 11.1240)

Have a look what the booklet for
YIQ(219.4950, 12.1480, 11.1240)
contains.

YIQ(219.4950, 12.1480, 11.1240)	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(219.4950, 12.1480,
11.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	EED1E1
RGB	238, 209, 225
RGB Percent	93%, 82%, 88%
CMY	0.0666, 0.1804, 0.1176
CMYK	0.00, 0.12, 0.05, 0.07
HSL	327°, 46%, 88%
HSV	327°, 12%, 93%
XYZ	71.6560, 69.2123, 80.8233
YIQ	219.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

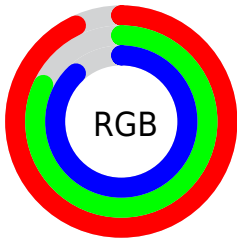
Format	Color
R _Y B	238, 209, 225
Decimal	15651297
CIE Lab	86.61, 12.79, -4.18
CIE LCh	87, 13.450, 341.915
Yxy	69.2123, 0.3232, 0.3122
Android (android.graphics.Color)	4293841377 (0xFFEED1E1)
YUV	219.4950, 2.7140, 16.2289
Hunter-Lab	83.1940, 8.1549, 0.6352

Details

The YIQ color **219.4950, 12.1480, 11.1240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **227.5050, -12.1480, -11.1240**, 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 **164.7830, 11.2770, 10.3890** is the 20% darker color. If you saturate the color by 10%, you get **204.1530, 22.2790, 20.2550**, and if you desaturate by 10%, it is **234.8370, 2.0170, 1.9930**.

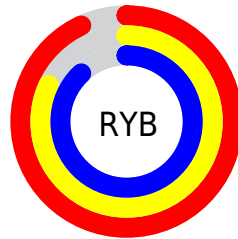
Distribution



Red (93%)

Green (82%)

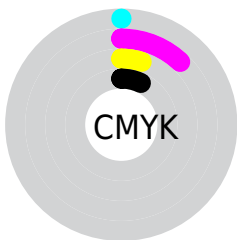
Blue (88%)



Red (93%)

Yellow (82%)

Blue (88%)

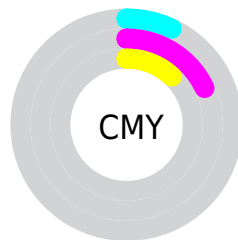


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.4950, 12.1480, 11.1240 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 219.4950, 12.1480, 11.1240 by changing the saturation by 10% instead.

219.4950, 12.1480,
11.1240

219.4950, 12.1480,
11.1240

255.0000, -0.0000,
-0.0000

191.4950, 12.1480,
11.1240

164.7830, 11.2770,
10.3890

137.7830, 11.2770,
10.3890

112.4840, 10.6810,
10.1770

88.0710, 10.4060,
9.6540

64.4730, 9.2140,
9.2300

42.0600, 8.9390,

8.7070

■ 21.3480, 8.0680,
7.9720

■ 0.0000, 0.0000,
0.0000

■ 219.4950, 12.1480,
11.1240

■ 219.4950, 12.1480,
11.1240

■ 204.1530, 22.2790,
20.2550

■ 234.8370, 2.0170,
1.9930

■ 188.9250, 32.0890,
29.6970

■ 248.8910, -7.2430,
-6.4030

■ 174.1700, 41.9450,
38.3050

■ 249.9170,
-10.1320, -3.6040

■ 158.8280, 52.0760,
47.4360

■ 143.6000, 61.8860,
56.8780

■ 128.2580, 72.0170,
66.0090

■ 112.9160, 82.1480,
75.1400

■ 98.2750, 91.6830,
84.0590

■ 86.0960, 99.7970,
91.1970

Harmonies

Analogous

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



218.9220, 0.6400, 10.4320



219.4950, 12.1480, 11.1240



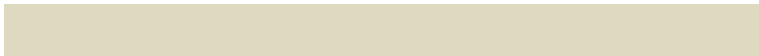
219.2200, 20.1720, 8.8760

Triad

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



219.4950, 12.1480, 11.1240



216.2320, 10.7300, -7.2380



213.0770, -25.2620, -4.7340

Complementary

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



219.4950, 12.1480, 11.1240



227.5050, -12.1480, -11.1240

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.



212.4100, -22.0060, -8.6780



219.4950, 12.1480, 11.1240



214.1920, -0.9610, -10.1210

Square

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



219.4950, 12.1480, 11.1240



217.2980, 19.5320, -1.5560



213.2060, -12.7440, -11.3360



214.9190, -21.6410, 1.2310

Rectangle

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



219.4950, 12.1480, 11.1240



218.8950, 22.4650, 5.8650



213.2060, -12.7440, -11.3360



213.0230, -25.1700, -6.4020

Sweetspot

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



219.4950, 12.1480, 11.1240



248.5600, 4.3550, 3.6750



216.1930, -1.5610, 11.7750



123.5490, 2.8880, 2.7280



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.



219.4950, 12.1480, 11.1240



230.7560, 15.9070, 14.5870



217.8990, 16.6420, 6.7700



112.2720, 5.2260, 4.4100



66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Inverse Universe

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



219.4950, 12.1480, 11.1240



230.7560, 15.9070, 14.5870



229.1010, -16.6420, -6.7700



112.2720, 5.2260, 4.4100



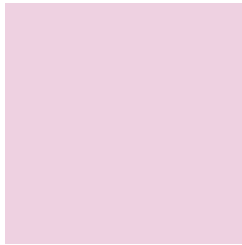
66.5300, 77.2430, 70.4190



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 219.4950, 12.1480, 11.1240 looks on a white background.

Color Contrast Check

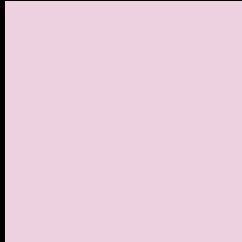
Large Text (above 18pt) WCAG AA × Fail

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 219.4950, 12.1480, 11.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

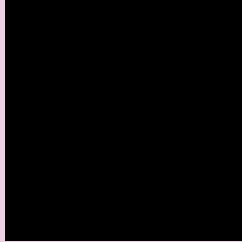
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.4950, 12.1480, 11.1240

Background



This preview shows how black text looks on a background with the YIQ color 219.4950, 12.1480, 11.1240.



This preview shows how white text looks on a background with the YIQ color 219.4950, 12.1480,

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

219.4950, 12.1480, 11.1240

Protanopia

217.7810, -3.5770, 4.2550

Deuteranopia

218.8860, 9.4890, 9.7530



Tritanopia

219.4950, 12.1480, 11.1240

Trichromacy



Original Color

219.4950, 12.1480, 11.1240

Protanomaly

218.2980, 2.3370, 7.2090

Deuteranomaly

219.1850, 10.0850, 9.9650

Tritanomaly

219.4950, 12.1480, 11.1240

Monochromacy



Original Color

219.4950, 12.1480, 11.1240

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.4950, 12.1480, 11.1240 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(238, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 225)  
}
```

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(238, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 225) }
```

Border

The CSS property to change the border of an element to YIQ 219.4950, 12.1480, 11.1240 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(238, 209, 225) }
```


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

```
.border{ border-color:rgb(238, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 219.4950, 12.1480, 11.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 225) }
```

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

```
.background{ background-color: rgb(238,  
209, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor