

Converting Colors

YIQ(219.9620, 12.3310, 13.3150)

Have a look what the booklet for
YIQ(219.9620, 12.3310, 13.3150)
contains.

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Color

**YIQ(219.9620, 12.3310,
13.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D0E5
RGB	240, 208, 229
RGB Percent	94%, 82%, 90%
CMY	0.0587, 0.1843, 0.1019
CMYK	0.00, 0.13, 0.05, 0.06
HSL	321°, 52%, 88%
HSV	321°, 13%, 94%
XYZ	72.6395, 69.2921, 83.6810
YIQ	219.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

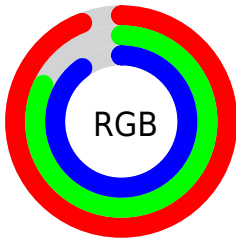
Format	Color
R _Y B	240, 208, 229
Decimal	15782117
CIE Lab	86.65, 14.69, -6.22
CIE LCh	87, 15.950, 337.059
Yxy	69.2921, 0.3220, 0.3071
Android (android.graphics.Color)	4293972197 (0xFFFF0D0E5)
YUV	219.9620, 4.4557, 17.5733
Hunter-Lab	83.2419, 10.0916, -1.3335

Details

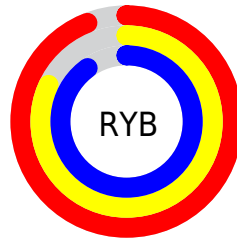
The YIQ color **219.9620, 12.3310, 13.3150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228.0380, -12.3310, -13.3150**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.2500, 11.4600, 12.5800** is the 20% darker color. If you saturate the color by 10%, you get **204.9620, 21.4990, 23.3790**, and if you desaturate by 10%, it is **234.9620, 3.1630, 3.2510**.

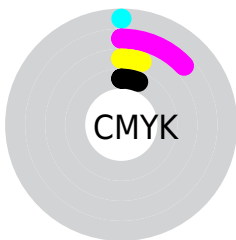
Distribution



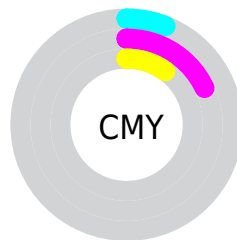
- Red (94%)
- Green (82%)
- Blue (90%)



- Red (94%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.9620, 12.3310, 13.3150 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 219.9620, 12.3310, 13.3150 by changing the saturation by 10% instead.


 219.9620, 12.3310,
13.3150

 219.9620, 12.3310,
13.3150


255.0000, -0.0000,
-0.0000


 191.9620, 12.3310,
13.3150

 165.2500, 11.4600,
12.5800

 138.8370, 11.1850,
12.0570

 112.8370, 11.1850,
12.0570

 88.1250, 10.3140,
11.3220

 64.8260, 9.7180,
11.1100

 42.4130, 9.4430,

10.5870

■ 21.7010, 8.5720,
9.8520

■ 0.1140, -0.3210,
0.3110

■ 219.9620, 12.3310,
13.3150

■ 219.9620, 12.3310,
13.3150

■ 204.9620, 21.4990,
23.3790

■ 234.9620, 3.1630,
3.2510

■ 189.9620, 30.6670,
33.4430

■ 249.4890, -6.0510,
-5.9790

■ 174.8480, 40.1560,
43.1960

■ 250.4010, -8.6190,
-3.4910

■ 159.8480, 49.3240,
53.2600

■ 250.5150, -8.9400,
-3.1800

■ 144.8480, 58.4920,
63.3240

■ 129.7340, 67.9810,
73.0770

■ 114.7340, 77.1490,
83.1410

■ 99.7340, 86.3170,
93.2050

■ 89.6580, 92.6430,
99.7070

Harmonies

Analogous

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



218.8940, -2.1570, 11.5630



219.9620, 12.3310, 13.3150



220.0570, 22.1890, 10.8690

Triad

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



219.9620, 12.3310, 13.3150



216.2710, 14.9940, -7.4220



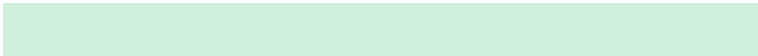
212.3860, -30.6260, -6.6420

Complementary

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



219.9620, 12.3310, 13.3150



228.0380, -12.3310, -13.3150

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.



211.8610, -24.8940, -11.4060



219.9620, 12.3310, 13.3150



214.5080, 0.9650, -11.9870

Square

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



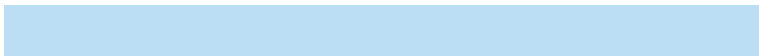
219.9620, 12.3310, 13.3150



217.7500, 24.0710, -1.2170



212.8530, -13.2480, -13.2160



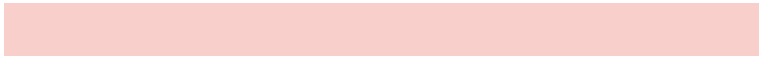
214.3420, -27.3260, -0.3660

Rectangle

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



219.9620, 12.3310, 13.3150



219.2160, 25.9950, 7.9710



212.8530, -13.2480, -13.2160



211.5170, -29.6170, -8.4090

Sweetspot

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



219.9620, 12.3310, 13.3150



248.6740, 4.0340, 3.9860



214.9370, -3.7160, 12.2840



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.



219.9620, 12.3310, 13.3150



229.3370, 15.7690, 17.0890



218.1380, 17.4670, 8.3390



112.5000, 4.5840, 5.0320



68.6960, 71.1440, 76.3280



20.9620, 21.4990, 23.3790

Inverse Universe

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



219.9620, 12.3310, 13.3150



229.3370, 15.7690, 17.0890



229.8620, -17.4670, -8.3390



112.5000, 4.5840, 5.0320



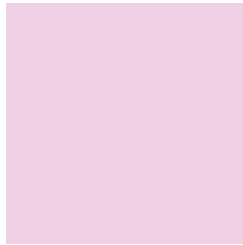
68.6960, 71.1440, 76.3280



20.9620, 21.4990, 23.3790

Previews

White Background



This preview shows how the YIQ color 219.9620, 12.3310, 13.3150 looks on a white background.

Color Contrast Check

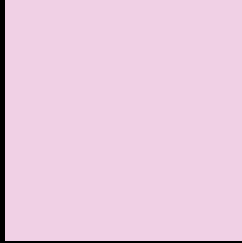
Large Text (above 18pt) WCAG AA × Fail

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 219.9620, 12.3310, 13.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

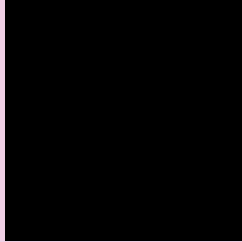
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.9620, 12.3310, 13.3150

Background



This preview shows how black text looks on a background with the YIQ color 219.9620, 12.3310, 13.3150.



This preview shows how white text looks on a background with the YIQ color 219.9620, 12.3310,

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

219.9620, 12.3310, 13.3150

Protanopia

218.0520, -5.7780, 5.5980

Deuteranopia

219.5160, 7.6550, 9.9510



Tritanopia

219.7940, 12.7440, 11.3360

Trichromacy



Original Color

219.9620, 12.3310, 13.3150

Protanomaly

218.7540, 1.0530, 8.4530

Deuteranomaly

219.8260, 9.7180, 11.1100

Tritanomaly

219.9080, 12.4230, 11.6470

Monochromacy



Original Color

219.9620, 12.3310, 13.3150

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9620, 12.3310, 13.3150 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(240, 208, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 229)  
}
```

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(240, 208, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 229) }
```

Border

The CSS property to change the border of an element to YIQ 219.9620, 12.3310, 13.3150 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(240, 208, 229) }
```


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

```
.border{ border-color:rgb(240, 208, 229) }
```

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

Here you see how a box with a 4 pixel rgb(240, 208, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9620, 12.3310, 13.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 229) }
```

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

```
.background{ background-color: rgb(240,  
208, 229) }
```

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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