

Converting Colors

YIQ(219.9900, 15.1280, 12.1840)

Have a look what the booklet for
YIQ(219.9900, 15.1280, 12.1840)
contains.

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Color

**YIQ(219.9900, 15.1280,
12.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D0E0
RGB	242, 208, 224
RGB Percent	95%, 82%, 88%
CMY	0.0509, 0.1843, 0.1215
CMYK	0.00, 0.14, 0.07, 0.05
HSL	332°, 57%, 88%
HSV	332°, 14%, 95%
XYZ	72.6345, 69.3686, 80.0909
YIQ	219.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

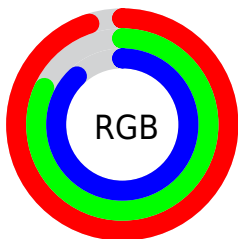
Format	Color
R_{YB}	242, 208, 224
Decimal	15913184
CIE _{Lab}	86.69, 14.52, -3.49
CIE _{LCh}	87, 14.930, 346.467
Yxy	69.3686, 0.3270, 0.3123
Android (android.graphics.Color)	4294103264 (0xFFFF2D0E0)
YUV	219.9900, 1.9769, 19.3028
Hunter-Lab	83.2878, 9.9144, 1.2873

Details

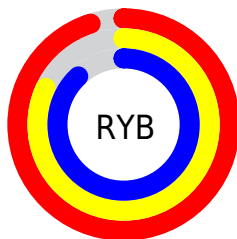
The YIQ color **219.9900, 15.1280, 12.1840** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **230.0100, -15.1280, -12.1840**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.2780, 14.2570, 11.4490** is the 20% darker color. If you saturate the color by 10%, you get **204.4200, 25.9010, 20.6930**, and if you desaturate by 10%, it is **235.5600, 4.3550, 3.6750**.

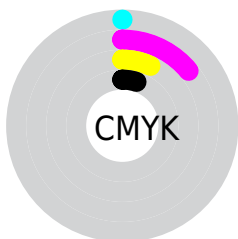
Distribution



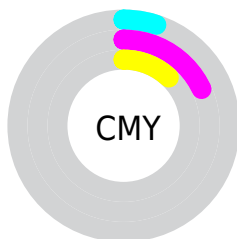
- Red (95%)
- Green (82%)
- Blue (88%)



- Red (95%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.9900, 15.1280, 12.1840 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 219.9900, 15.1280, 12.1840 by changing the saturation by 10% instead.

219.9900, 15.1280,
12.1840

219.9900, 15.1280,
12.1840

255.0000, -0.0000,
-0.0000

191.9900, 15.1280,
12.1840

165.2780, 14.2570,
11.4490

138.2780, 14.2570,
11.4490

112.6800, 13.0650,
11.0250

88.2670, 12.7900,
10.5020

64.6690, 11.5980,
10.0780

42.2560, 11.3230,

9.5550

■ 21.6580, 10.1310,
9.1310

■ 0.2990, 0.5960,
0.2120

■ 219.9900, 15.1280,
12.1840

■ 219.9900, 15.1280,
12.1840

■ 204.4200, 25.9010,
20.6930

■ 235.5600, 4.3550,
3.6750

■ 188.8500, 36.6740,
29.2020

■ 250.5430, -6.1430,
-4.3110

■ 172.8070, 47.4010,
38.5450

■ 251.1130, -7.7480,
-2.7560

■ 157.2370, 58.1740,
47.0540

■ 141.6670, 68.9470,
55.5630

■ 126.0970, 79.7200,
64.0720

■ 110.5270, 90.4930,
72.5810

■ 94.4840, 101.2200,
81.9240

■ 85.3540, 107.6380,
86.7580

Harmonies

Analogous

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



219.3460, 2.3820, 11.9020



219.9900, 15.1280, 12.1840



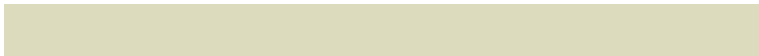
219.8890, 22.6020, 8.8900

Triad

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



219.9900, 15.1280, 12.1840



215.9930, 9.9050, -8.8070



213.2230, -28.6090, -4.6490

Complementary

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



219.9900, 15.1280, 12.1840



230.0100, -15.1280, -12.1840

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.



212.0290, -25.3070, -9.4270



219.9900, 15.1280, 12.1840



214.3550, -2.9780, -12.1140

Square

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



219.9900, 15.1280, 12.1840



217.5430, 20.2200, -3.0120



212.8250, -16.0450, -12.0850



215.2610, -22.6040, 2.1640

Rectangle

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



219.9900, 15.1280, 12.1840



219.4500, 25.2160, 5.5680



212.8250, -16.0450, -12.0850



213.0550, -28.1960, -6.6280

Sweetspot

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



219.9900, 15.1280, 12.1840



248.5600, 4.3550, 3.6750



217.2580, -0.1860, 14.3900



123.4350, 3.2090, 2.4170



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.



219.9900, 15.1280, 12.1840



227.1370, 19.2080, 15.3360



218.7530, 19.9890, 6.6850



112.2720, 5.2260, 4.4100



64.8200, 82.0580, 65.7540



19.7080, 25.0300, 19.9580

Inverse Universe

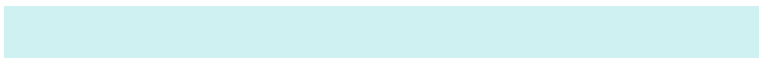
The Inverse Universe completely reimagines the original color for something new.



219.9900, 15.1280, 12.1840



227.1370, 19.2080, 15.3360



231.2470, -19.9890, -6.6850



112.2720, 5.2260, 4.4100



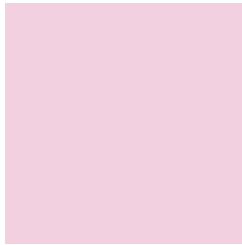
64.8200, 82.0580, 65.7540



19.7080, 25.0300, 19.9580

Previews

White Background



This preview shows how the YIQ color 219.9900, 15.1280, 12.1840 looks on a white background.

Color Contrast Check

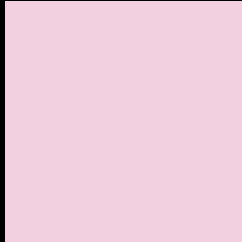
Large Text (above 18pt) WCAG AA × Fail

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 219.9900, 15.1280, 12.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

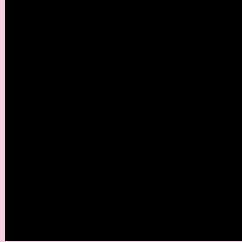
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.9900, 15.1280, 12.1840

Background



This preview shows how black text looks on a background with the YIQ color 219.9900, 15.1280, 12.1840.

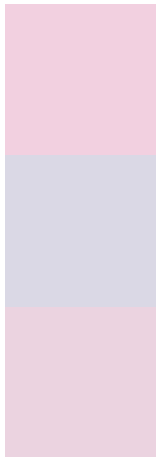


This preview shows how white text looks on a background with the YIQ color 219.9900, 15.1280,

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

219.9900, 15.1280, 12.1840

Protanopia

218.0800, -2.9810, 4.4670

Deuteranopia

219.6580, 10.1310, 9.1310



Tritanopia

219.9900, 15.1280, 12.1840

Trichromacy



Original Color

219.9900, 15.1280, 12.1840

Protanomaly

218.7820, 3.8500, 7.3220

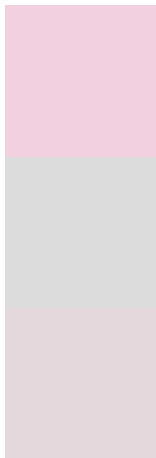
Deuteranomaly

219.9680, 12.1940, 10.2900

Tritanomaly

219.9900, 15.1280, 12.1840

Monochromacy



Original Color

219.9900, 15.1280, 12.1840

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.1580, 5.5470, 4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.9900, 15.1280, 12.1840 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(242, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 224)  
}
```

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(242, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 224) }
```

Border

The CSS property to change the border of an element to YIQ 219.9900, 15.1280, 12.1840 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(242, 208, 224) }
```


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

```
.border{ border-color:rgb(242, 208, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 219.9900, 15.1280, 12.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 224) }
```

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

```
.background{ background-color: rgb(242,  
208, 224) }
```

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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