

Converting Colors

YIQ(216.8800, 9.6260, 12.7780)

Have a look what the booklet for
YIQ(216.8800, 9.6260, 12.7780)
contains.

YIQ(216.8800, 9.6260, 12.7780)	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(216.8800, 9.6260,
12.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	EACEE4
RGB	234, 206, 228
RGB Percent	92%, 81%, 89%
CMY	0.0823, 0.1922, 0.1059
CMYK	0.00, 0.12, 0.03, 0.08
HSL	313°, 40%, 86%
HSV	313°, 12%, 92%
XYZ	70.0112, 67.2346, 82.6903
YIQ	216.8800, 9.6260, 12.7780

Conversions

Conversions Part 2

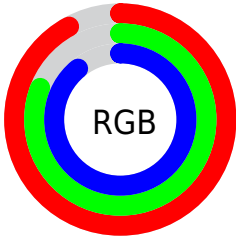
Format	Color
R _Y B	234, 206, 228
Decimal	15388388
CIE Lab	85.62, 13.53, -7.26
CIE LCh	86, 15.355, 331.782
Yxy	67.2346, 0.3183, 0.3057
Android (android.graphics.Color)	4293578468 (0xFFEACEE4)
YUV	216.8800, 5.4822, 15.0142
Hunter-Lab	81.9967, 8.9144, -2.3938

Details

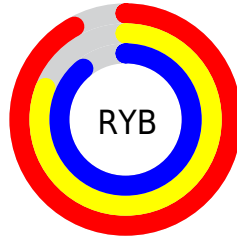
The YIQ color $216.8800, 9.6260, 12.7780$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $223.1200, -9.6260, -12.7780$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.1680, 8.7550, 12.0430$ is the 20% darker color. If you saturate the color by 10%, you get $202.8090, 17.5560, 23.2520$, and if you desaturate by 10%, it is $230.9510, 1.6960, 2.3040$.

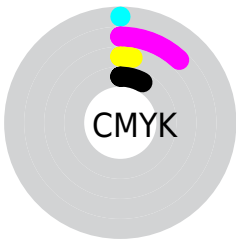
Distribution



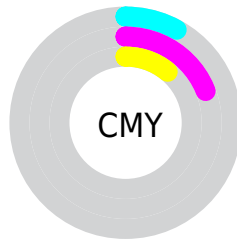
- Red (92%)
- Green (81%)
- Blue (89%)



- Red (92%)
- Yellow (81%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8800, 9.6260, 12.7780 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 216.8800, 9.6260, 12.7780 by changing the saturation by 10% instead.

216.8800, 9.6260,
12.7780

216.8800, 9.6260,
12.7780

255.0000, -0.0000,
-0.0000

188.8800, 9.6260,
12.7780

162.1680, 8.7550,
12.0430

135.7550, 8.4800,
11.5200

110.3420, 8.2050,
10.9970

86.0430, 7.6090,
10.7850

62.6300, 7.3340,
10.2620

40.2170, 7.0590,

9.7390

■ 19.3310, 6.7380,
10.0500

■ 0.0000, 0.0000,
0.0000

■ 216.8800, 9.6260,
12.7780

■ 216.8800, 9.6260,
12.7780

■ 202.8090, 17.5560,
23.2520

■ 230.9510, 1.6960,
2.3040

■ 188.1510, 25.7610,
34.2490

■ 245.6090, -6.5090,
-8.6930

■ 174.0800, 33.6910,
44.7230

■ 247.3530, -8.6640,
-8.1840

■ 159.4220, 41.8960,
55.7200

■ 247.9230,
-10.2690, -6.6290

■ 145.3510, 49.8260,
66.1940

■ 248.4930,
-11.8740, -5.0740

■ 131.2800, 57.7560,
76.6680

■ 248.7210,
-12.5160, -4.4520

■ 116.6220, 65.9610,
87.6650

■ 102.5510, 73.8910,
98.1390

■ 90.9420, 80.4000,
106.8320

Harmonies

Analogous

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



215.6980, -4.5410, 10.7150



216.8800, 9.6260, 12.7780



217.1000, 20.6300, 11.5900

Triad

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



216.8800, 9.6260, 12.7780



213.3960, 16.1400, -6.1640



209.3430, -29.0670, -7.3630

Complementary

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



216.8800, 9.6260, 12.7780



223.1200, -9.6260, -12.7780

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.



209.1170, -22.7390, -11.9150



216.8800, 9.6260, 12.7780



212.0030, 3.9450, -10.9270

Square

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



216.8800, 9.6260, 12.7780



215.3910, 23.7040, -0.0720



209.9350, -10.5430, -12.6790



210.8150, -27.2800, -1.2000

Rectangle

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



216.8800, 9.6260, 12.7780



216.2590, 24.4360, 8.6920



209.9350, -10.5430, -12.6790



208.7730, -27.4620, -8.9180

Sweetspot

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



216.8800, 9.6260, 12.7780



248.9020, 3.3920, 4.6080



210.9860, -5.4120, 9.9800



123.6630, 2.5670, 3.0390



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.



216.8800, 9.6260, 12.7780



232.9560, 12.4680, 16.3400



215.2840, 14.1200, 8.4240



110.3150, 3.6670, 5.1310



70.3070, 62.2940, 82.5340



20.9340, 18.7020, 24.5100

Inverse Universe

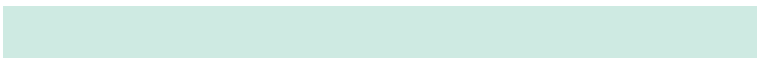
The Inverse Universe completely reimagines the original color for something new.



216.8800, 9.6260, 12.7780



232.9560, 12.4680, 16.3400



224.7160, -14.1200, -8.4240



110.3150, 3.6670, 5.1310



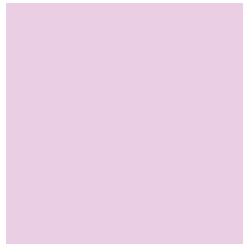
70.3070, 62.2940, 82.5340



20.9340, 18.7020, 24.5100

Previews

White Background



This preview shows how the YIQ color 216.8800, 9.6260, 12.7780 looks on a white background.

Color Contrast Check

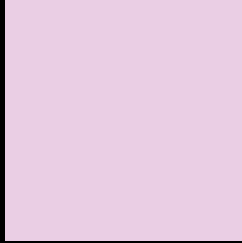
Large Text (above 18pt) WCAG AA × Fail

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 216.8800, 9.6260, 12.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

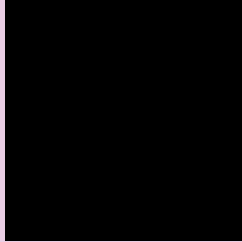
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.8800, 9.6260, 12.7780

Background



This preview shows how black text looks on a background with the YIQ color 216.8800, 9.6260, 12.7780.



This preview shows how white text looks on a background with the YIQ color 216.8800, 9.6260,

12.7780.

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

216.8800, 9.6260, 12.7780

Protanopia

215.1660, -6.0990, 5.9090

Deuteranopia

216.5590, 6.0960, 10.6720



Tritanopia

216.5980, 10.3600, 10.4880

Trichromacy



Original Color

216.8800, 9.6260, 12.7780

Protanomaly

215.6830, -0.1850, 8.8630

Deuteranomaly

216.5700, 7.5630, 11.6190

Tritanomaly

216.8260, 9.7180, 11.1100

Monochromacy



Original Color

216.8800, 9.6260, 12.7780

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8800, 9.6260, 12.7780 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(234, 206, 228)` looks like.

```
.text, #text, p{  
    color:rgb(234, 206, 228)  
}
```

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(234, 206, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 206, 228) }
```

Border

The CSS property to change the border of an element to YIQ 216.8800, 9.6260, 12.7780 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(234, 206, 228) }
```


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

```
.border{ border-color:rgb(234, 206, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 206, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 206, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 206, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 206,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8800, 9.6260, 12.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 206, 228) }
```

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

```
.background{ background-color: rgb(234,  
206, 228) }
```

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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