

Converting Colors

YIQ(216.5320, 10.7260, 14.8700)

Have a look what the booklet for
YIQ(216.5320, 10.7260, 14.8700)
contains.

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Color

**YIQ(216.5320, 10.7260,
14.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCCE6
RGB	236, 204, 230
RGB Percent	93%, 80%, 90%
CMY	0.0744, 0.2000, 0.0980
CMYK	0.00, 0.14, 0.03, 0.07
HSL	311°, 46%, 86%
HSV	311°, 14%, 93%
XYZ	70.4733, 66.7298, 84.0329
YIQ	216.5320, 10.7260, 14.8700

Conversions

Conversions Part 2

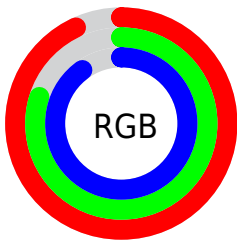
Format	Color
R _Y B	236, 204, 230
Decimal	15518950
CIE Lab	85.37, 15.62, -8.68
CIE LCh	85, 17.872, 330.933
Yxy	66.7298, 0.3185, 0.3016
Android (android.graphics.Color)	4293709030 (0xFFECCCE6)
YUV	216.5320, 6.6397, 17.0734
Hunter-Lab	81.6883, 11.0392, -3.8099

Details

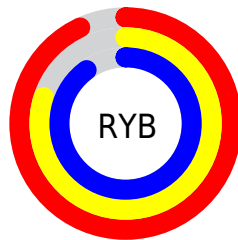
The YIQ color $216.5320, 10.7260, 14.8700$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.4680, -10.7260, -14.8700$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.8200, 9.8550, 14.1350$ is the 20% darker color. If you saturate the color by 10%, you get $201.9880, 18.6100, 26.1780$, and if you desaturate by 10%, it is $231.0760, 2.8420, 3.5620$.

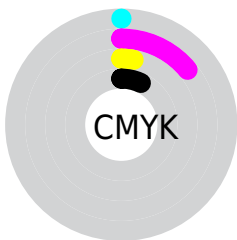
Distribution



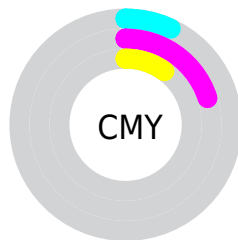
- Red (93%)
- Green (80%)
- Blue (90%)



- Red (93%)
- Yellow (80%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5320, 10.7260, 14.8700 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 216.5320, 10.7260, 14.8700 by changing the saturation by 10% instead.

216.5320, 10.7260,
14.8700

216.5320, 10.7260,
14.8700

255.0000, -0.0000,
-0.0000

188.5320, 10.7260,
14.8700

161.8200, 9.8550,
14.1350

135.4070, 9.5800,
13.6120

109.9940, 9.3050,
13.0890

85.5810, 9.0300,
12.5660

62.1680, 8.7550,
12.0430

39.5700, 7.5630,

11.6190

■ 17.9830, 7.8380,
12.1420

■ 0.2280, -0.6420,
0.6220

■ 216.5320, 10.7260,
14.8700

■ 216.5320, 10.7260,
14.8700

■ 201.9880, 18.6100,
26.1780

■ 231.0760, 2.8420,
3.5620

■ 187.9170, 26.5400,
36.6520

■ 245.1470, -5.0880,
-6.9120

■ 173.3730, 34.4240,
47.9600

■ 247.9510, -7.4720,
-7.7600

■ 159.3020, 42.3540,
58.4340

■ 248.5210, -9.0770,
-6.2050

■ 144.7580, 50.2380,
69.7420

■ 248.9770,
-10.3610, -4.9610

■ 130.1000, 58.4430,
80.7390

■ 249.3190,
-11.3240, -4.0280

■ 116.1430, 66.0520,
91.5240

■ 101.5990, 73.9360,
102.8320

■ 92.4520, 79.0240,
109.7440

Harmonies

Analogous

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



215.1540, -5.8250, 11.9590



216.5320, 10.7260, 14.8700



216.7090, 23.2890, 12.9610

Triad

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



216.5320, 10.7260, 14.8700



212.5380, 18.6160, -6.9840



207.6520, -34.4310, -9.2710

Complementary

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



216.5320, 10.7260, 14.8700



223.4680, -10.7260, -14.8700

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.



207.2090, -25.9940, -13.4980



216.5320, 10.7260, 14.8700



211.1340, 4.9540, -12.6940

Square

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



216.5320, 10.7260, 14.8700



214.5440, 27.6470, 0.0550



208.5820, -11.0470, -14.5590



209.6510, -32.6900, -2.2740

Rectangle

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



216.5320, 10.7260, 14.8700



216.0530, 28.0120, 9.9640



208.5820, -11.0470, -14.5590



207.3810, -32.2300, -10.6140

Sweetspot

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



216.5320, 10.7260, 14.8700



248.9020, 3.3920, 4.6080



209.4420, -6.6960, 11.2240



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.



216.5320, 10.7260, 14.8700



230.0210, 13.8430, 18.9550



214.7080, 15.8620, 9.8940



110.3150, 3.6670, 5.1310



70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Inverse Universe

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



216.5320, 10.7260, 14.8700



230.0210, 13.8430, 18.9550



225.2920, -15.8620, -9.8940



110.3150, 3.6670, 5.1310



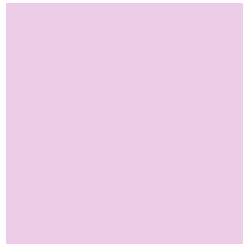
70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 216.5320, 10.7260, 14.8700 looks on a white background.

Color Contrast Check

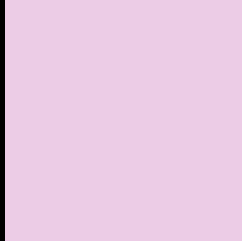
Large Text (above 18pt) WCAG AA × Fail

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 216.5320, 10.7260, 14.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

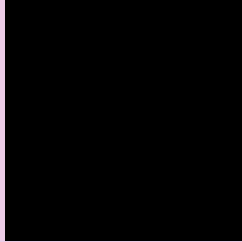
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.5320, 10.7260, 14.8700

Background



This preview shows how black text looks on a background with the YIQ color 216.5320, 10.7260, 14.8700.



This preview shows how white text looks on a background with the YIQ color 216.5320, 10.7260,

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

216.5320, 10.7260, 14.8700

Protanopia

214.3230, -7.9790, 6.9410

Deuteranopia

215.4880, 4.8580, 11.0820



Tritanopia

215.7940, 12.7440, 11.3360

Trichromacy



Original Color

216.5320, 10.7260, 14.8700

Protanomaly

215.0250, -1.1480, 9.7960

Deuteranomaly

215.7980, 6.9210, 12.2410

Tritanomaly

216.1360, 11.7810, 12.2690

Monochromacy



Original Color

216.5320, 10.7260, 14.8700

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7280, 3.9420, 5.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5320, 10.7260, 14.8700 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(236, 204, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 230)  
}
```

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(236, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 230) }
```

Border

The CSS property to change the border of an element to YIQ 216.5320, 10.7260, 14.8700 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(236, 204, 230) }
```


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

```
.border{ border-color:rgb(236, 204, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5320, 10.7260, 14.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 230) }
```

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

```
.background{ background-color: rgb(236,  
204, 230) }
```

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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