

Converting Colors

YIQ(215.9930, 1.8780, 10.0220)

Have a look what the booklet for
YIQ(215.9930, 1.8780, 10.0220)
contains.

YIQ(215.9930, 1.8780, 10.0220)	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(215.9930, 1.8780,
10.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1E7
RGB	224, 209, 231
RGB Percent	88%, 82%, 91%
CMY	0.1215, 0.1804, 0.0941
CMYK	0.03, 0.10, 0.00, 0.09
HSL	281°, 31%, 86%
HSV	281°, 10%, 91%
XYZ	67.9668, 67.2166, 84.9914
YIQ	215.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

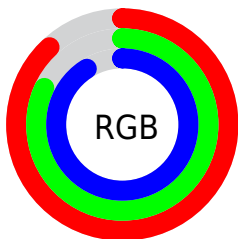
Format	Color
R_{YB}	224, 209, 231
Decimal	14733799
CIE _{Lab}	85.61, 9.13, -8.95
CIE _{LCh}	86, 12.788, 315.562
Yxy	67.2166, 0.3087, 0.3053
Android (android.graphics.Color)	4292923879 (0xFFE0D1E7)
YUV	215.9930, 7.3985, 7.0221
Hunter-Lab	81.9857, 4.5029, -4.0736

Details

The YIQ color $215.9930, 1.8780, 10.0220$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $224.0070, -1.8780, -10.0220$, 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 $161.4660, 1.9240, 9.1880$ is the 20% darker color. If you saturate the color by 10%, you get $200.3990, 4.0310, 20.5670$, and if you desaturate by 10%, it is $231.5870, -0.2750, -0.5230$.

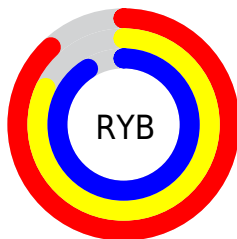
Distribution



Red (88%)

Green (82%)

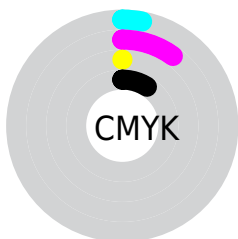
Blue (91%)



Red (88%)

Yellow (82%)

Blue (91%)

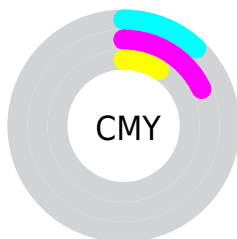


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9930, 1.8780, 10.0220 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 215.9930, 1.8780, 10.0220 by changing the saturation by 10% instead.

■ 215.9930, 1.8780,
10.0220

■ 215.9930, 1.8780,
10.0220

255.0000, -0.0000,
-0.0000

■ 187.9930, 1.8780,
10.0220

■ 161.4660, 1.9240,
9.1880

■ 135.1670, 1.3280,
8.9760

■ 109.4660, 1.9240,
9.1880

■ 85.0530, 1.6490,
8.6650

■ 61.6400, 1.3740,
8.1420

■ 40.2270, 1.0990,

7.6190

■ 19.5260, 1.6950,
7.8310

■ 0.3420, -0.9630,
0.9330

■ 215.9930, 1.8780,
10.0220

■ 215.9930, 1.8780,
10.0220

■ 200.3990, 4.0310,
20.5670

■ 231.5870, -0.2750,
-0.5230

■ 184.5060, 5.5880,
30.9000

■ 247.4800, -1.8320,
-10.8560

■ 168.9120, 7.7410,
41.4450

■ 249.5730, 2.3400,
-9.3720

■ 153.3180, 9.8940,
51.9900

■ 251.6660, 6.5120,
-7.8880

■ 136.8380, 11.7260,
62.8460

■ 252.2640, 7.7040,
-7.4640

■ 121.2440, 13.8790,
73.3910

■ 105.6500, 16.0320,
83.9360

■ 89.7570, 17.5890,
94.2690

■ 74.1630, 19.7420,
104.8140

Harmonies

Analogous

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



214.5400, -10.0880, 6.6160



215.9930, 1.8780, 10.0220



216.2670, 12.7900, 10.5020

Triad

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



215.9930, 1.8780, 10.0220



214.4010, 17.7440, -2.1920



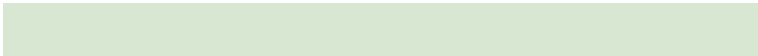
209.8230, -21.7310, -8.1550

Complementary

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



215.9930, 1.8780, 10.0220



224.0070, -1.8780, -10.0220

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.



210.5480, -13.7070, -10.4030



215.9930, 1.8780, 10.0220



212.8620, 8.8960, -7.0400

Square

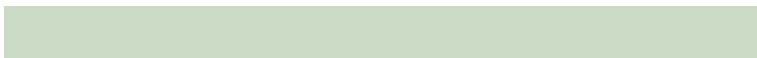
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.9930, 1.8780, 10.0220



215.7160, 21.4110, 2.9390



211.7080, -2.4740, -10.2340



210.7890, -24.3910, -3.9990

Rectangle

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



215.9930, 1.8780, 10.0220



216.5510, 17.7420, 8.8620



211.7080, -2.4740, -10.2340



209.9650, -19.2550, -8.9750

Sweetspot

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



215.9930, 1.8780, 10.0220



249.7060, 1.0080, 3.7600



215.6170, -8.9870, 3.1810



123.8800, 0.4580, 2.7140



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.



215.9930, 1.8780, 10.0220



235.8730, 2.3360, 12.7360



217.6300, 7.3340, 10.2620



106.7600, 0.9160, 5.4280



56.8840, 15.2530, 81.5330



16.2790, 4.4890, 23.2810

Inverse Universe

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



216.3760, 10.8650, 6.8410



236.3980, 13.7990, 8.7350



222.3700, -7.3340, -10.2620



107.0440, 5.8680, 3.7880



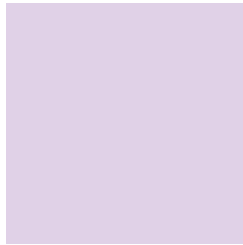
60.0190, 88.3870, 55.6750



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 215.9930, 1.8780, 10.0220 looks on a white background.

Color Contrast Check

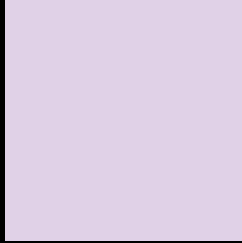
Large Text (above 18pt) WCAG AA × Fail

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 215.9930, 1.8780, 10.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

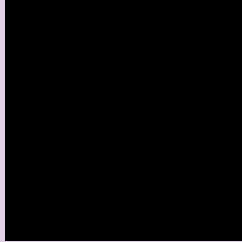
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.9930, 1.8780, 10.0220

Background



This preview shows how black text looks on a background with the YIQ color 215.9930, 1.8780, 10.0220.



This preview shows how white text looks on a background with the YIQ color 215.9930, 1.8780,

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

215.9930, 1.8780, 10.0220

Protanopia

214.9810, -7.0160, 6.0080

Deuteranopia

216.3030, 3.9410, 11.1810



Tritanopia

215.7110, 2.6120, 7.7320

Trichromacy



Original Color

215.9930, 1.8780, 10.0220

Protanomaly

215.4760, -4.0360, 7.0680

Deuteranomaly

216.0040, 3.3450, 10.9690

Tritanomaly

215.9390, 1.9700, 8.3540

Monochromacy



Original Color

215.9930, 1.8780, 10.0220

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9930, 1.8780, 10.0220 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(224, 209, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 231)  
}
```

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(224, 209, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 231) }
```

Border

The CSS property to change the border of an element to YIQ 215.9930, 1.8780, 10.0220 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(224, 209, 231) }
```


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

```
.border{ border-color:rgb(224, 209, 231) }
```

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

Here you see how a box with a 4 pixel rgb(224, 209, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9930, 1.8780, 10.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 231) }
```

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

```
.background{ background-color: rgb(224,  
209, 231) }
```

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