

Converting Colors

YIQ(213.9780, 6.2340, 8.1700)

Have a look what the booklet for
YIQ(213.9780, 6.2340, 8.1700)
contains.

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Color

**YIQ(213.9780, 6.2340,
8.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CFDD
RGB	225, 207, 221
RGB Percent	88%, 81%, 87%
CMY	0.1176, 0.1882, 0.1333
CMYK	0.00, 0.08, 0.02, 0.12
HSL	313°, 23%, 85%
HSV	313°, 8%, 88%
XYZ	66.4181, 65.8523, 77.6192
YIQ	213.9780, 6.2340, 8.1700

Conversions

Conversions Part 2

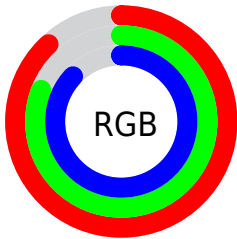
Format	Color
R_{YB}	225, 207, 221
Decimal	14798813
CIE _{Lab}	84.92, 8.69, -4.66
CIE _{LCh}	85, 9.863, 331.800
Y _{xy}	65.8523, 0.3164, 0.3137
Android (android.graphics.Color)	4292988893 (0xFFE1CFDD)
YUV	213.9780, 3.4618, 9.6663
Hunter-Lab	81.1494, 4.0847, 0.0939

Details

The YIQ color $213.9780, 6.2340, 8.1700$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.0220, -6.2340, -8.1700$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.5650, 5.9590, 7.6470$ is the 20% darker color. If you saturate the color by 10%, you get $199.9070, 14.1640, 18.6440$, and if you desaturate by 10%, it is $227.4620, -1.4210, -1.7810$.

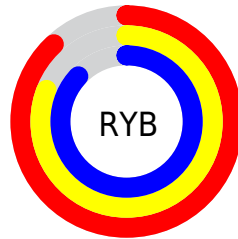
Distribution



Red (88%)

Green (81%)

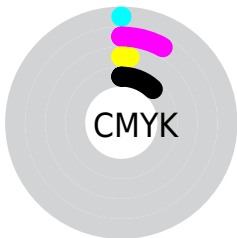
Blue (87%)



Red (88%)

Yellow (81%)

Blue (87%)

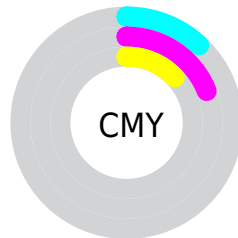


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.9780, 6.2340, 8.1700 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 213.9780, 6.2340, 8.1700 by changing the saturation by 10% instead.

■ 213.9780, 6.2340,
8.1700

■ 213.9780, 6.2340,
8.1700

255.0000, -0.0000,
-0.0000

■ 185.9780, 6.2340,
8.1700

■ 159.5650, 5.9590,
7.6470

■ 133.2660, 5.3630,
7.4350

■ 108.1520, 5.6840,
7.1240

■ 83.8530, 5.0880,
6.9120

■ 60.4400, 4.8130,
6.3890

■ 38.4400, 4.8130,

6.3890

■ 17.8530, 5.0880,
6.9120

■ 0.0000, 0.0000,
0.0000

■ 213.9780, 6.2340,
8.1700

■ 213.9780, 6.2340,
8.1700

■ 199.9070, 14.1640,
18.6440

■ 227.4620, -1.4210,
-1.7810

■ 186.4230, 21.8190,
28.5950

■ 241.5330, -9.3510,
-12.2550

■ 172.3520, 29.7490,
39.0690

■ 243.8640,
-11.7810, -12.2690

■ 158.8680, 37.4040,
49.0200

■ 244.4340,
-13.3860, -10.7140

■ 144.7970, 45.3340,
59.4940

■ 245.0040,
-14.9910, -9.1590

■ 131.3130, 52.9890,
69.4450

■ 245.5740,
-16.5960, -7.6040

■ 117.2420, 60.9190,
79.9190

■ 246.0300,
-17.8800, -6.3600

■ 103.7580, 68.5740,
89.8700

■ 89.6870, 76.5040,
100.3440

Harmonies

Analogous

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



213.5470, -2.7980, 6.6580



213.9780, 6.2340, 8.1700



214.1590, 12.9740, 7.1660

Triad

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



213.9780, 6.2340, 8.1700



212.0410, 9.9500, -4.1140



209.0840, -17.9720, -4.6920

Complementary

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



213.9780, 6.2340, 8.1700



218.0220, -6.2340, -8.1700

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.



209.2430, -14.1660, -7.5900



213.9780, 6.2340, 8.1700



210.4530, 2.7980, -6.6580

Square

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



213.9780, 6.2340, 8.1700



213.1990, 15.4970, -0.0150



209.7230, -6.8300, -8.3820



210.2030, -16.6890, -0.4090

Rectangle

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



213.9780, 6.2340, 8.1700



213.9590, 16.4130, 5.4130



209.7230, -6.8300, -8.3820



209.4430, -17.6050, -5.8370

Sweetspot

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



213.9780, 6.2340, 8.1700



251.9510, 1.6960, 2.3040



210.2480, -3.3940, 6.4460



126.1250, 1.1460, 1.2580



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.



213.9780, 6.2340, 8.1700



239.6410, 8.8010, 11.2090



212.9520, 9.1230, 5.3710



105.3150, 3.6670, 5.1310



68.2420, 60.9190, 79.9190



18.6840, 16.4100, 21.9940

Inverse Universe

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



213.9780, 6.2340, 8.1700



239.6410, 8.8010, 11.2090



219.0480, -9.1230, -5.3710



105.3150, 3.6670, 5.1310



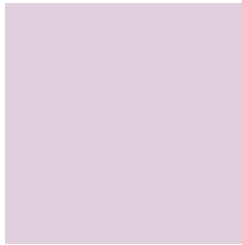
68.2420, 60.9190, 79.9190



18.6840, 16.4100, 21.9940

Previews

White Background



This preview shows how the YIQ color 213.9780, 6.2340, 8.1700 looks on a white background.

Color Contrast Check

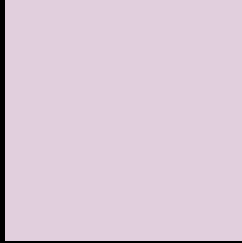
Large Text (above 18pt) WCAG AA × Fail

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 213.9780, 6.2340, 8.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

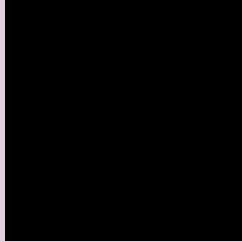
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.9780, 6.2340, 8.1700

Background



This preview shows how black text looks on a background with the YIQ color 213.9780, 6.2340, 8.1700.



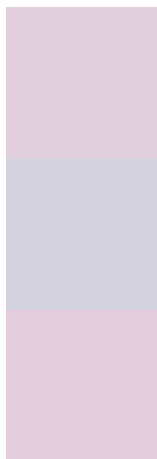
This preview shows how white text looks on a background with the YIQ color 213.9780, 6.2340,

8.1700.

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

213.9780, 6.2340, 8.1700

Protanopia

212.9660, -2.6600, 4.1560

Deuteranopia

214.2880, 8.2970, 9.3290



Tritanopia

214.2060, 5.5920, 8.7920

Trichromacy



Original Color

213.9780, 6.2340, 8.1700

Protanomaly

213.4610, 0.3200, 5.2160

Deuteranomaly

213.9890, 7.7010, 9.1170

Tritanomaly

214.0920, 5.9130, 8.4810

Monochromacy



Original Color

213.9780, 6.2340, 8.1700

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7770, 2.2460, 3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.9780, 6.2340, 8.1700 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(225, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 221)  
}
```

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(225, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 221) }
```

Border

The CSS property to change the border of an element to YIQ 213.9780, 6.2340, 8.1700 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(225, 207, 221) }
```


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

```
.border{ border-color:rgb(225, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 213.9780, 6.2340, 8.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 221) }
```

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

```
.background{ background-color: rgb(225,  
207, 221) }
```

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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