

Converting Colors

YIQ(212.8680, 0.7320, 8.7640)

Have a look what the booklet for
YIQ(212.8680, 0.7320, 8.7640)
contains.

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Color

**YIQ(212.8680, 0.7320,
8.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCFE3
RGB	219, 207, 227
RGB Percent	86%, 81%, 89%
CMY	0.1411, 0.1882, 0.1098
CMYK	0.04, 0.09, 0.00, 0.11
HSL	276°, 26%, 85%
HSV	276°, 9%, 89%
XYZ	65.3929, 65.2308, 81.8150
YIQ	212.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

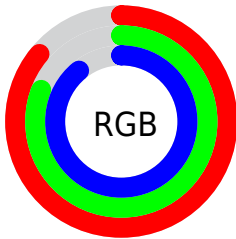
Format	Color
R _Y B	219, 207, 227
Decimal	14405603
CIE Lab	84.60, 7.77, -8.37
CIE LCh	85, 11.423, 312.862
Yxy	65.2308, 0.3078, 0.3071
Android (android.graphics.Color)	4292595683 (0xFFDBCFE3)
YUV	212.8680, 6.9671, 5.3778
Hunter-Lab	80.7656, 3.1850, -3.5244

Details

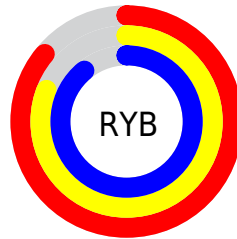
The YIQ color $212.8680, 0.7320, 8.7640$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.1320, -0.7320, -8.7640$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.4550, 0.4570, 8.2410$ is the 20% darker color. If you saturate the color by 10%, you get $196.6760, 1.6930, 18.8850$, and if you desaturate by 10%, it is $229.0600, -0.2290, -1.3570$.

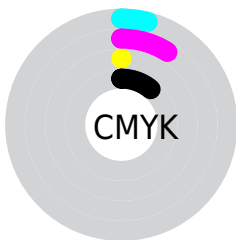
Distribution



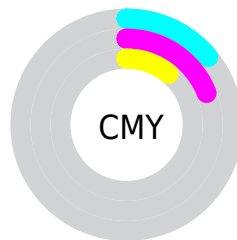
- Red (86%)
- Green (81%)
- Blue (89%)



- Red (86%)
- Yellow (81%)
- Blue (89%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8680, 0.7320, 8.7640 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 212.8680, 0.7320, 8.7640 by changing the saturation by 10% instead.

■ 212.8680, 0.7320,
8.7640

■ 212.8680, 0.7320,
8.7640

255.0000, -0.0000,
-0.0000

■ 184.8680, 0.7320,
8.7640

■ 158.4550, 0.4570,
8.2410

■ 132.3410, 0.7780,
7.9300

■ 106.9280, 0.5030,
7.4070

■ 82.9280, 0.5030,
7.4070

■ 59.5150, 0.2280,
6.8840

■ 38.1020, -0.0470,

6.3610

■ 16.2270, 1.0990,
7.6190

■ 0.0000, 0.0000,
0.0000

■ 212.8680, 0.7320,
8.7640

■ 212.8680, 0.7320,
8.7640

■ 196.6760, 1.6930,
18.8850

■ 229.0600, -0.2290,
-1.3570

■ 181.0710, 2.3790,
28.4830

■ 244.6650, -0.9150,
-10.9550

■ 164.8790, 3.3400,
38.6040

■ 249.1170, 3.6240,
-10.6160

■ 148.6870, 4.3010,
48.7250

■ 251.8080, 8.9880,
-8.7080

■ 133.0820, 4.9870,
58.3230

■ 116.8900, 5.9480,
68.4440

■ 100.6980, 6.9090,
78.5650

■ 84.2070, 7.2740,
88.4740

■ 68.6020, 7.9600,
98.0720

Harmonies

Analogous

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



211.3120, -9.4460, 5.9940



212.8680, 0.7320, 8.7640



213.6580, 10.1310, 9.1310

Triad

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



212.8680, 0.7320, 8.7640



211.4440, 16.1850, -1.4710



207.9050, -19.0260, -7.6180

Complementary

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



212.8680, 0.7320, 8.7640



221.1320, -0.7320, -8.7640

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.



208.0430, -10.7270, -9.3430



212.8680, 0.7320, 8.7640



210.3890, 8.8500, -6.2060

Square

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



212.8680, 0.7320, 8.7640



212.4600, 19.2560, 3.4480



209.1320, -0.7320, -8.7640



208.6430, -21.0440, -4.0840

Rectangle

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



212.8680, 0.7320, 8.7640



213.3550, 15.3580, 8.0140



209.1320, -0.7320, -8.7640



208.0470, -16.5500, -8.4380

Sweetspot

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



212.8680, 0.7320, 8.7640



249.4070, 0.4120, 3.5480



213.9760, -8.6200, 2.0360



123.5810, -0.1380, 2.5020



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.



212.8680, 0.7320, 8.7640



235.2750, 1.1440, 12.3120



215.0320, 6.1420, 9.8380



106.4610, 0.3200, 5.2160



52.3990, 6.3130, 78.3530



15.0830, 2.1050, 22.4330

Inverse Universe

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



213.8920, 9.3520, 6.7280



236.6260, 13.1570, 9.3570



218.9680, -6.1420, -9.8380



107.1580, 5.5470, 4.0990



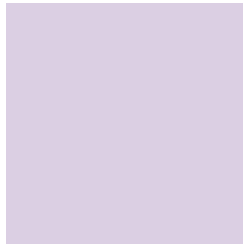
61.6150, 83.8930, 60.0290



17.5290, 23.9760, 17.0320

Previews

White Background



This preview shows how the YIQ color 212.8680, 0.7320, 8.7640 looks on a white background.

Color Contrast Check

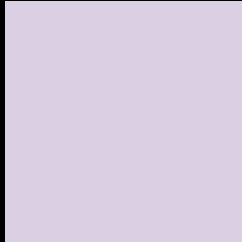
Large Text (above 18pt) WCAG AA × Fail

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 212.8680, 0.7320, 8.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

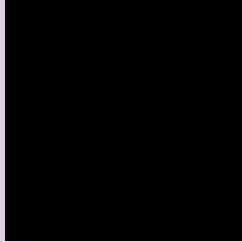
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.8680, 0.7320, 8.7640

Background



This preview shows how black text looks on a background with the YIQ color 212.8680, 0.7320, 8.7640.



This preview shows how white text looks on a background with the YIQ color 212.8680, 0.7320,

8.7640.

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

212.8680, 0.7320, 8.7640

Protanopia

212.1660, -6.0990, 5.9090

Deuteranopia

213.1890, 4.2620, 10.8700



Tritanopia

213.1130, 1.4200, 7.3080

Trichromacy



Original Color

212.8680, 0.7320, 8.7640

Protanomaly

212.3620, -3.7150, 6.7570

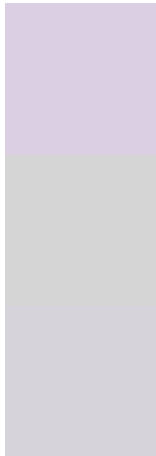
Deuteranomaly

213.1780, 2.7950, 9.9230

Tritanomaly

213.2270, 1.0990, 7.6190

Monochromacy



Original Color

212.8680, 0.7320, 8.7640

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8680, 0.7320, 8.7640 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(219, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 207, 227)  
}
```

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(219, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 227) }
```

Border

The CSS property to change the border of an element to YIQ 212.8680, 0.7320, 8.7640 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(219, 207, 227) }
```


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

```
.border{ border-color:rgb(219, 207, 227) }
```

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

Here you see how a box with a 4 pixel rgb(219, 207, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8680, 0.7320, 8.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 227) }
```

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

```
.background{ background-color: rgb(219,  
207, 227) }
```

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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