

Converting Colors

YIQ(228.8480, 12.6520, 13.0040)

Have a look what the booklet for
YIQ(228.8480, 12.6520, 13.0040)
contains.

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Color

**YIQ(228.8480, 12.6520,
13.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D9ED
RGB	249, 217, 237
RGB Percent	98%, 85%, 93%
CMY	0.0234, 0.1490, 0.0705
CMYK	0.00, 0.13, 0.05, 0.02
HSL	323°, 73%, 91%
HSV	323°, 13%, 98%
XYZ	79.1717, 75.8776, 90.6006
YIQ	228.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

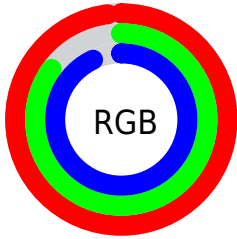
Format	Color
R _Y B	249, 217, 237
Decimal	16374253
CIE Lab	89.80, 14.41, -5.70
CIE LCh	90, 15.490, 338.427
Yxy	75.8776, 0.3223, 0.3089
Android (android.graphics.Color)	4294564333 (0xFFFF9D9ED)
YUV	228.8480, 4.0189, 17.6733
Hunter-Lab	87.1078, 9.7990, -0.6920

Details

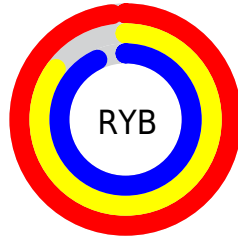
The YIQ color $228.8480, 12.6520, 13.0040$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $237.1520, -12.6520, -13.0040$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.1360, 11.7810, 12.2690$ is the 20% darker color. If you saturate the color by 10%, you get $213.1470, 22.4160, 23.2800$, and if you desaturate by 10%, it is $244.5490, 2.8880, 2.7280$.

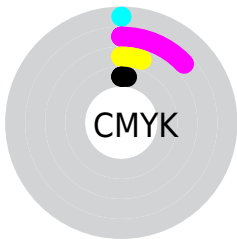
Distribution



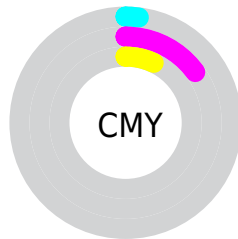
- Red (98%)
- Green (85%)
- Blue (93%)



- Red (98%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8480, 12.6520, 13.0040 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 228.8480, 12.6520, 13.0040 by changing the saturation by 10% instead.

228.8480, 12.6520,
13.0040

228.8480, 12.6520,
13.0040

255.0000, -0.0000,
-0.0000

200.5490, 12.0560,
12.7920

173.1360, 11.7810,
12.2690

146.7230, 11.5060,
11.7460

120.7230, 11.5060,
11.7460

96.0110, 10.6350,
11.0110

71.7120, 10.0390,
10.7990

49.2990, 9.7640,

10.2760

■ 28.2880, 8.2970,
9.3290

■ 8.6580, 10.1310,
9.1310

■ 228.8480, 12.6520,
13.0040

■ 228.8480, 12.6520,
13.0040

■ 213.1470, 22.4160,
23.2800

■ 244.5490, 2.8880,
2.7280

■ 197.3320, 32.5010,
33.2450

■ 253.2060, -3.5760,
-1.2720

■ 181.6310, 42.2650,
43.5210

■ 165.9300, 52.0290,
53.7970

■ 150.1150, 62.1140,
63.7620

■ 135.0010, 71.6030,
73.5150

■ 119.3000, 81.3670,
83.7910

■ 103.4850, 91.4520,
93.7560

■ 92.2350, 98.3280,
101.3040

Harmonies

Analogous

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



228.0790, -1.2400, 11.4640



228.8480, 12.6520, 13.0040



228.3450, 21.3180, 10.1340

Triad

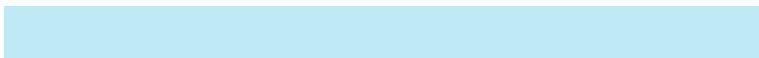
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.8480, 12.6520, 13.0040



225.0860, 14.0770, -7.3230



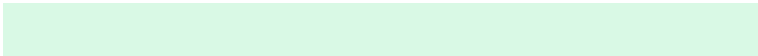
221.6850, -30.0300, -6.4300

Complementary

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



228.8480, 12.6520, 13.0040



237.1520, -12.6520, -13.0040

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.



220.9750, -25.2150, -11.0950



228.8480, 12.6520, 13.0040



223.5080, 0.9650, -11.9870

Square

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



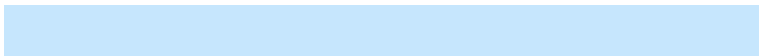
228.8480, 12.6520, 13.0040



226.5650, 23.1540, -1.1180



221.8530, -13.2480, -13.2160



223.0540, -26.4550, 0.3690

Rectangle

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



228.8480, 12.6520, 13.0040



227.7920, 24.2530, 6.5010



221.8530, -13.2480, -13.2160



220.8160, -29.0210, -8.1970

Sweetspot

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



228.8480, 12.6520, 13.0040



248.6740, 4.0340, 3.9860



224.2360, -3.1200, 12.4960



123.5490, 2.8880, 2.7280



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

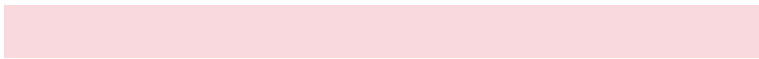
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.8480, 12.6520, 13.0040



231.0980, 14.9440, 15.5200



227.0240, 17.7880, 8.0280



116.7990, 5.1800, 5.2440



69.9630, 74.7660, 76.7660



22.5710, 24.1580, 24.7500

Inverse Universe

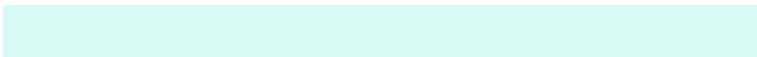
The Inverse Universe completely reimagines the original color for something new.



228.8480, 12.6520, 13.0040



231.0980, 14.9440, 15.5200



238.9760, -17.7880, -8.0280



116.7990, 5.1800, 5.2440



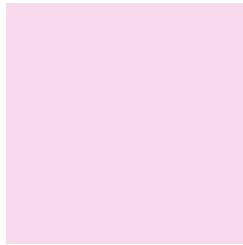
69.9630, 74.7660, 76.7660



22.5710, 24.1580, 24.7500

Previews

White Background



This preview shows how the YIQ color 228.8480, 12.6520, 13.0040 looks on a white background.

Color Contrast Check

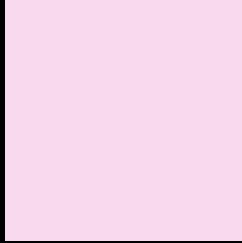
Large Text (above 18pt) WCAG AA × Fail

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 228.8480, 12.6520, 13.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

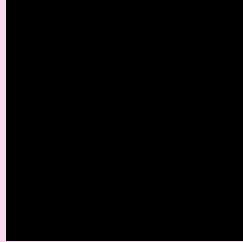
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.8480, 12.6520, 13.0040

Background



This preview shows how black text looks on a background with the YIQ color 228.8480, 12.6520, 13.0040.



This preview shows how white text looks on a background with the YIQ color 228.8480, 12.6520,

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

228.8480, 12.6520, 13.0040

Protanopia

226.9380, -5.4570, 5.2870

Deuteranopia

228.2280, 8.5260, 10.6860



Tritanopia

228.5060, 13.6150, 12.0710

Trichromacy



Original Color

228.8480, 12.6520, 13.0040

Protanomaly

227.6400, 1.3740, 8.1420

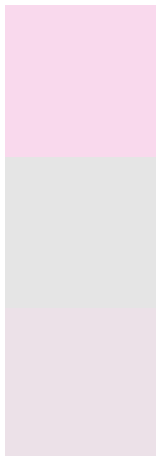
Deuteranomaly

228.2390, 9.9930, 11.6330

Tritanomaly

228.6200, 13.2940, 12.3820

Monochromacy



Original Color

228.8480, 12.6520, 13.0040

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.8480, 12.6520, 13.0040 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(249, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 237)  
}
```

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(249, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 237) }
```

Border

The CSS property to change the border of an element to YIQ 228.8480, 12.6520, 13.0040 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(249, 217, 237) }
```


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

```
.border{ border-color:rgb(249, 217, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(249, 217,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8480, 12.6520, 13.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 237) }
```

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

```
.background{ background-color: rgb(249,  
217, 237) }
```

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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