

Converting Colors

YIQ(218.0580, 20.4480, 3.8720)

Have a look what the booklet for
YIQ(218.0580, 20.4480, 3.8720)
contains.

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Color

**YIQ(218.0580, 20.4480,
3.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D2CA
RGB	240, 210, 202
RGB Percent	94%, 82%, 79%
CMY	0.0588, 0.1765, 0.2077
CMYK	0.00, 0.13, 0.16, 0.06
HSL	13°, 56%, 87%
HSV	13°, 16%, 94%
XYZ	69.6477, 68.8805, 65.5154
YIQ	218.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

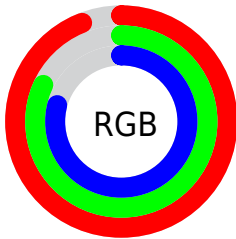
Format	Color
R _Y B	240, 212, 202
Decimal	15782602
CIE Lab	86.44, 9.20, 7.78
CIE LCh	86, 12.052, 40.224
Yxy	68.8805, 0.3413, 0.3376
Android (android.graphics.Color)	4293972682 (0xFFFF0D2CA)
YUV	218.0580, -7.9166, 19.2431
Hunter-Lab	82.9943, 4.5549, 11.2927

Details

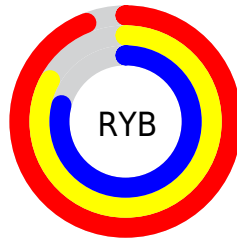
The YIQ color **218.0580, 20.4480, 3.8720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223.9420, -20.4480, -3.8720**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.4600, 19.2560, 3.4480** is the 20% darker color. If you saturate the color by 10%, you get **204.1690, 33.3770, 6.3450**, and if you desaturate by 10%, it is **231.9470, 7.5190, 1.3990**.

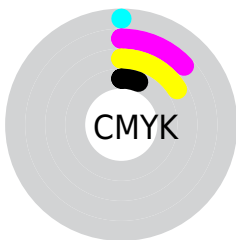
Distribution



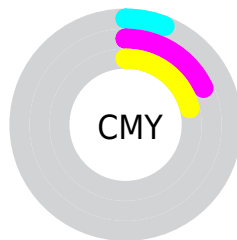
- Red (94%)
- Green (82%)
- Blue (79%)



- Red (94%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.0580, 20.4480, 3.8720 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 218.0580, 20.4480, 3.8720 by changing the saturation by 10% instead.

218.0580, 20.4480,
3.8720

218.0580, 20.4480,
3.8720

255.0000, -0.0000,
-0.0000

190.1720, 20.1270,
4.1830

163.4600, 19.2560,
3.4480

136.5740, 18.9350,
3.7590

110.9760, 17.7430,
3.3350

86.7910, 16.8260,
3.4340

63.1930, 15.6340,
3.0100

41.5950, 14.4420,

2.5860

■ 19.8400, 15.1300,
1.1300

■ 0.0000, 0.0000,
0.0000

■ 218.0580, 20.4480,
3.8720

■ 218.0580, 20.4480,
3.8720

■ 204.1690, 33.3770,
6.3450

■ 231.9470, 7.5190,
1.3990

■ 190.2800, 46.3060,
8.8180

■ 245.8360, -5.4100,
-1.0740

■ 176.3910, 59.2350,
11.2910

■ 250.5150, -8.9400,
-3.1800

■ 162.5020, 72.1640,
13.7640

■ 148.6130, 85.0930,
16.2370

■ 134.7240, 98.0220,
18.7100

■ 120.8350,
110.9510, 21.1830

■ 106.9460,
123.8800, 23.6560

■ 101.1100,
129.2900, 24.7300

Harmonies

Analogous

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



219.0240, 17.7880, 8.0280



218.0580, 20.4480, 3.8720



216.9280, 17.6980, -1.3580

Triad

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



218.0580, 20.4480, 3.8720



213.2170, -11.2770, -10.3890



216.5290, -11.5550, 5.6690

Complementary

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



218.0580, 20.4480, 3.8720



223.9420, -20.4480, -3.8720

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.



214.7620, -19.7610, 0.1990



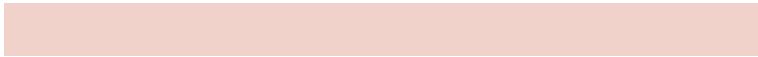
218.0580, 20.4480, 3.8720



212.4920, -19.3010, -8.1410

Square

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



218.0580, 20.4480, 3.8720



214.0180, -0.4110, -9.0750



213.1590, -22.5570, -4.1970



217.7970, -0.5060, 9.1740

Rectangle

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



218.0580, 20.4480, 3.8720



216.4820, 13.0220, -4.7220



213.1590, -22.5570, -4.1970



215.9200, -14.2140, 4.2980

Sweetspot

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



218.0580, 20.4480, 3.8720



247.6480, 6.9230, 1.1870



216.7820, 13.0180, 17.3860



122.9790, 4.4930, 1.1730



0.0000, 0.0000, 0.0000



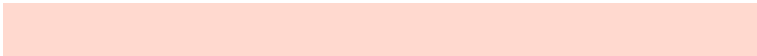
128.0000, -0.0000, -0.0000

Same Dimension

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



218.0580, 20.4480, 3.8720



227.2220, 25.8580, 4.9460



229.2110, 15.2230, -6.0650



112.7620, 6.6020, 1.4980



77.9090, 98.9390, 18.6110



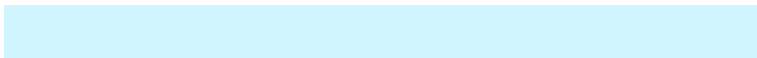
23.7880, 30.0760, 5.5960

Inverse Universe

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



223.9420, -20.4480, -3.8720



234.7780, -25.8580, -4.9460



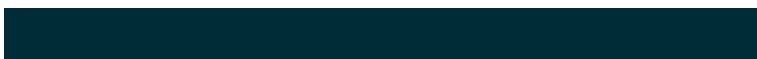
212.7890, -15.2230, 6.0650



114.6510, -6.3270, -0.9750



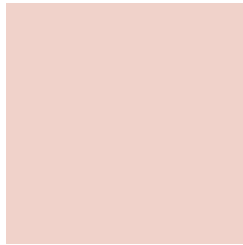
106.0910, -98.9390, -18.6110



32.2120, -30.0760, -5.5960

Previews

White Background



This preview shows how the YIQ color 218.0580, 20.4480, 3.8720 looks on a white background.

Color Contrast Check

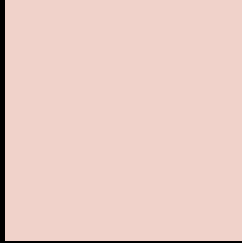
Large Text (above 18pt) WCAG AA × Fail

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 218.0580, 20.4480, 3.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

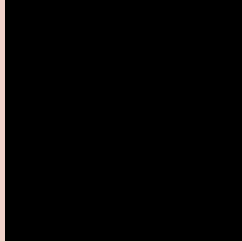
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.0580, 20.4480, 3.8720

Background



This preview shows how black text looks on a background with the YIQ color 218.0580, 20.4480, 3.8720.



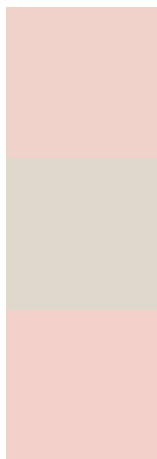
This preview shows how white text looks on a background with the YIQ color 218.0580, 20.4480,

3.8720.

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

218.0580, 20.4480, 3.8720

Protanopia

216.8390, 7.7030, -1.9370

Deuteranopia

218.3680, 22.5110, 5.0310



Tritanopia

219.5880, 16.3200, 12.6080

Trichromacy



Original Color

218.0580, 20.4480, 3.8720

Protanomaly

217.3450, 12.1500, 0.0700

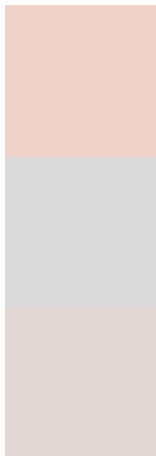
Deuteranomaly

218.0690, 21.9150, 4.8190

Tritanomaly

218.9640, 18.0170, 9.3850

Monochromacy



Original Color

218.0580, 20.4480, 3.8720

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.0580, 20.4480, 3.8720 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(240, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(240, 210, 202)  
}
```

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(240, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 210, 202) }
```

Border

The CSS property to change the border of an element to YIQ 218.0580, 20.4480, 3.8720 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(240, 210, 202) }
```


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

```
.border{ border-color:rgb(240, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(240, 210,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 218.0580, 20.4480, 3.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 210, 202) }
```

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

```
.background{ background-color: rgb(240,  
210, 202) }
```

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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