

Converting Colors

YIQ(214.4180, 20.2150, 24.6230)

Have a look what the booklet for
YIQ(214.4180, 20.2150, 24.6230)
contains.

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Color

**YIQ(214.4180, 20.2150,
24.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C1EA
RGB	249, 193, 234
RGB Percent	98%, 76%, 92%
CMY	0.0234, 0.2432, 0.0823
CMYK	0.00, 0.23, 0.06, 0.02
HSL	316°, 82%, 87%
HSV	316°, 23%, 98%
XYZ	72.9992, 64.2180, 86.3990
YIQ	214.4180, 20.2150, 24.6230

Conversions

Conversions Part 2

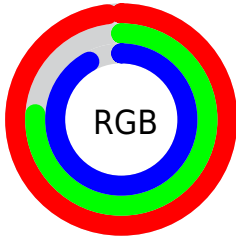
Format	Color
R _Y B	249, 193, 234
Decimal	16368106
CIE Lab	84.08, 26.52, -12.61
CIE LCh	84, 29.362, 334.568
Yxy	64.2180, 0.3264, 0.2872
Android (android.graphics.Color)	4294558186 (0xFFF9C1EA)
YUV	214.4180, 9.6539, 30.3284
Hunter-Lab	80.1361, 22.3646, -7.8284

Details

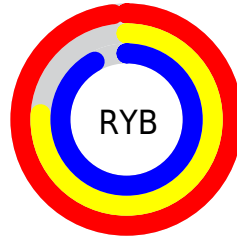
The YIQ color $214.4180, 20.2150, 24.6230$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $227.5820, -20.2150, -24.6230$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0650, 1.3750, 2.6150$, and $159.2930, 19.0690, 23.3650$ is the 20% darker color. If you saturate the color by 10%, you get $198.9450, 29.3370, 35.5210$, and if you desaturate by 10%, it is $229.8910, 11.0930, 13.7250$.

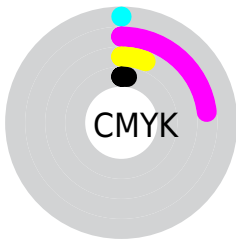
Distribution



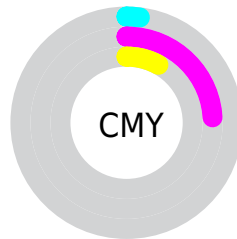
- Red (98%)
- Green (76%)
- Blue (92%)



- Red (98%)
- Yellow (76%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 214.4180, 20.2150, 24.6230 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 214.4180, 20.2150, 24.6230 by changing the saturation by 10% instead.


 214.4180, 20.2150,
24.6230


 214.4180, 20.2150,
24.6230


255.0000, -0.0000,
-0.0000


 186.7060, 19.3440,
23.8880


 252.0650, 1.3750,
2.6150

 159.2930, 19.0690,
23.3650

 132.9940, 18.4730,
23.1530

 107.2820, 17.6020,
22.4180

 82.5700, 16.7310,
21.6830

 58.8580, 15.8600,
20.9480

 35.2600, 14.6680,

20.5240

■ 15.7220, 13.2470,
18.7430

■ 0.6840, -1.9260,
1.8660

■ 214.4180, 20.2150,
24.6230

■ 214.4180, 20.2150,
24.6230

■ 198.9450, 29.3370,
35.5210

■ 229.8910, 11.0930,
13.7250

■ 183.5860, 38.1380,
46.7300

■ 245.2500, 2.2920,
2.5160

■ 168.1130, 47.2600,
57.6280

■ 253.0920, -3.2550,
-1.5830

■ 152.6400, 56.3820,
68.5260

■ 253.2060, -3.5760,
-1.2720

■ 137.2810, 65.1830,
79.7350

■ 122.3950, 74.0300,
90.1100

■ 106.9220, 83.1520,
101.0080

■ 95.1990, 89.9820,
109.3900

Harmonies

Analogous

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



212.8370, -6.0100, 20.8220



214.4180, 20.2150, 24.6230



211.2590, 33.6040, 18.7560

Triad

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



214.4180, 20.2150, 24.6230



207.9270, 27.4660, -13.1900



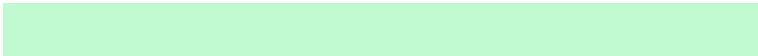
197.1200, -62.3520, -15.3760

Complementary

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



214.4180, 20.2150, 24.6230



227.5820, -20.2150, -24.6230

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.



197.3200, -48.5960, -22.3880



214.4180, 20.2150, 24.6230



204.9670, 3.6260, -21.6700

Square

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



214.4180, 20.2150, 24.6230



210.5040, 42.3190, -1.5290



201.0270, -22.9660, -24.3260



201.2770, -55.0640, -4.2800

Rectangle

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



214.4180, 20.2150, 24.6230



209.7940, 39.1070, 12.6350



201.0270, -22.9660, -24.3260



197.0940, -59.4630, -18.1750

Sweetspot

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



214.4180, 20.2150, 24.6230



243.8640, 6.5550, 7.8590



203.8690, -9.0360, 20.5960



121.2010, 3.9880, 4.8200



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.



214.4180, 20.2150, 24.6230



212.4450, 24.7530, 30.4890



211.2260, 29.2030, 15.9150



117.0270, 4.5380, 5.8660



72.2430, 68.3460, 82.9860



23.3690, 21.9110, 26.9270

Inverse Universe

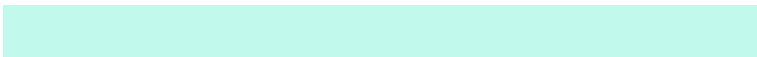
The Inverse Universe completely reimagines the original color for something new.



214.4180, 20.2150, 24.6230



212.4450, 24.7530, 30.4890



230.7740, -29.2030, -15.9150



117.0270, 4.5380, 5.8660



72.2430, 68.3460, 82.9860



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 214.4180, 20.2150, 24.6230 looks on a white background.

Color Contrast Check

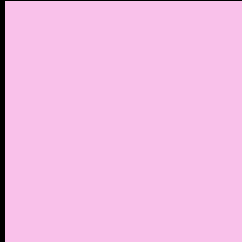
Large Text (above 18pt) WCAG AA × Fail

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 214.4180, 20.2150, 24.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

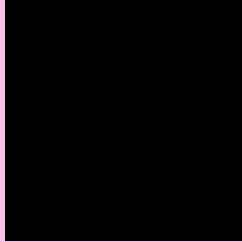
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.4180, 20.2150, 24.6230

Background



This preview shows how black text looks on a background with the YIQ color 214.4180, 20.2150, 24.6230.



This preview shows how white text looks on a background with the YIQ color 214.4180, 20.2150,

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

214.4180, 20.2150, 24.6230

Protanopia

210.6090, -14.5360, 10.1360

Deuteranopia

211.9760, 0.5480, 12.1000



Tritanopia

213.3610, 24.3890, 15.0530

Trichromacy



Original Color

214.4180, 20.2150, 24.6230

Protanomaly

212.3010, -1.7450, 15.1110

Deuteranomaly

213.0310, 7.8830, 16.8350

Tritanomaly

213.9850, 22.6920, 18.2760

Monochromacy



Original Color

214.4180, 20.2150, 24.6230

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4180, 20.2150, 24.6230 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, 193, 234)` looks like.

```
.text, #text, p{  
    color:rgb(249, 193, 234)  
}
```

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, 193, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 193, 234) }
```

Border

The CSS property to change the border of an element to YIQ 214.4180, 20.2150, 24.6230 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, 193, 234) }
```


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

```
.border{ border-color:rgb(249, 193, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 193, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 193, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 193, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 193,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4180, 20.2150, 24.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 193, 234) }
```

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

```
.background{ background-color: rgb(249,  
193, 234) }
```

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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