

Converting Colors

YIQ(211.0430, 16.7770, 20.8490)

Have a look what the booklet for
YIQ(211.0430, 16.7770, 20.8490)
contains.

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Color

**YIQ(211.0430, 16.7770,
20.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C1E4
RGB	240, 193, 228
RGB Percent	94%, 76%, 89%
CMY	0.0587, 0.2432, 0.1058
CMYK	0.00, 0.20, 0.05, 0.06
HSL	315°, 61%, 85%
HSV	315°, 20%, 94%
XYZ	69.0174, 62.2645, 81.7867
YIQ	211.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

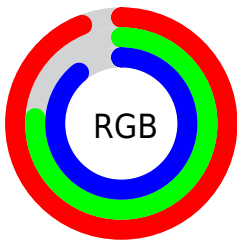
Format	Color
R_{YB}	240, 193, 228
Decimal	15778276
CIE _{Lab}	83.05, 22.45, -11.02
CIE _{LCh}	83, 25.014, 333.856
Yxy	62.2645, 0.3239, 0.2922
Android (android.graphics.Color)	4293968356 (0xFFFF0C1E4)
YUV	211.0430, 8.3598, 25.3953
Hunter-Lab	78.9078, 18.0377, -6.2177

Details

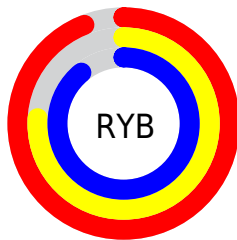
The YIQ color **211.0430, 16.7770, 20.8490** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **221.9570, -16.7770, -20.8490**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.0650, 1.3750, 2.6150**, and **156.3310, 15.9060, 20.1140** is the 20% darker color. If you saturate the color by 10%, you get **196.2710, 25.3030, 31.5350**, and if you desaturate by 10%, it is **225.8150, 8.2510, 10.1630**.

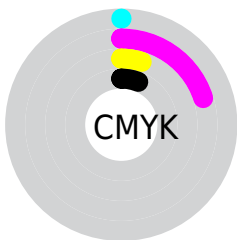
Distribution



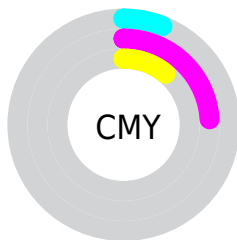
- Red (94%)
- Green (76%)
- Blue (89%)



- Red (94%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.0430, 16.7770, 20.8490 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 211.0430, 16.7770, 20.8490 by changing the saturation by 10% instead.


 211.0430, 16.7770,
20.8490


 211.0430, 16.7770,
20.8490


255.0000, -0.0000,
-0.0000


 183.3310, 15.9060,
20.1140


 252.0650, 1.3750,
2.6150

 156.3310, 15.9060,
20.1140

 129.6190, 15.0350,
19.3790

 104.7930, 14.4850,
18.3330

 80.0810, 13.6140,
17.5980

 56.7820, 13.0180,
17.3860

 34.0700, 12.1470,

16.6510

■ 13.9560, 12.4680,
16.3400

■ 0.0000, 0.0000,
0.0000

■ 211.0430, 16.7770,
20.8490

■ 211.0430, 16.7770,
20.8490

■ 196.2710, 25.3030,
31.5350

■ 225.8150, 8.2510,
10.1630

■ 181.4990, 33.8290,
42.2210

■ 240.5870, -0.2750,
-0.5230

■ 166.7270, 42.3550,
52.9070

■ 249.4890, -6.0510,
-5.9790

■ 151.8410, 51.2020,
63.2820

■ 250.2870, -8.2980,
-3.8020

■ 137.0690, 59.7280,
73.9680

■ 250.5150, -8.9400,
-3.1800

■ 122.2970, 68.2540,
84.6540

■ 107.5250, 76.7800,
95.3400

■ 92.7530, 85.3060,
106.0260

■ 92.1660, 85.5810,
106.5490

Harmonies

Analogous

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



209.7290, -5.8260, 17.4860



211.0430, 16.7770, 20.8490



210.8460, 33.3290, 18.2330

Triad

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



211.0430, 16.7770, 20.8490



205.5400, 24.3020, -10.9140



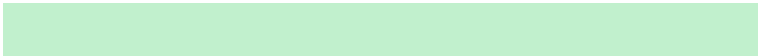
197.1600, -50.6610, -12.4930

Complementary

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



211.0430, 16.7770, 20.8490



221.9570, -16.7770, -20.8490

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.



197.2180, -39.3810, -18.6850



211.0430, 16.7770, 20.8490



202.6730, 4.6340, -17.9100

Square

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



211.0430, 16.7770, 20.8490



207.3940, 36.8170, -0.9350



199.5870, -18.6110, -20.6510



200.8220, -46.3530, -2.4570

Rectangle

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



211.0430, 16.7770, 20.8490



209.9080, 38.7860, 12.9460



199.5870, -18.6110, -20.6510



196.9490, -48.6890, -15.1930

Sweetspot

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



211.0430, 16.7770, 20.8490



245.7390, 5.4090, 6.6010



201.9460, -7.9350, 17.1610



122.3750, 3.4380, 3.7740



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.



211.0430, 16.7770, 20.8490



217.3690, 21.9110, 26.9270



208.4210, 24.1600, 13.6960



112.6140, 4.2630, 5.3430



70.6340, 65.6870, 81.6150



21.5320, 19.8940, 24.9340

Inverse Universe

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



211.0430, 16.7770, 20.8490



217.3690, 21.9110, 26.9270



224.5790, -24.1600, -13.6960



112.6140, 4.2630, 5.3430



70.6340, 65.6870, 81.6150



21.5320, 19.8940, 24.9340

Previews

White Background



This preview shows how the YIQ color 211.0430, 16.7770, 20.8490 looks on a white background.

Color Contrast Check

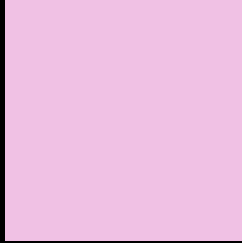
Large Text (above 18pt) WCAG AA × Fail

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 211.0430, 16.7770, 20.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

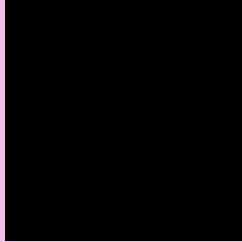
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.0430, 16.7770, 20.8490

Background



This preview shows how black text looks on a background with the YIQ color 211.0430, 16.7770, 20.8490.



This preview shows how white text looks on a background with the YIQ color 211.0430, 16.7770,

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

211.0430, 16.7770, 20.8490

Protanopia

208.2240, -12.0140, 8.4820

Deuteranopia

208.9330, 2.1070, 11.3790



Tritanopia

210.2680, 20.2170, 13.5690

Trichromacy



Original Color

211.0430, 16.7770, 20.8490

Protanomaly

209.1330, -1.3320, 13.1320

Deuteranomaly

209.6780, 7.3790, 14.9550

Tritanomaly

210.6640, 19.1620, 16.1700

Monochromacy



Original Color

211.0430, 16.7770, 20.8490

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.8640, 6.5550, 7.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0430, 16.7770, 20.8490 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, 193, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 193, 228)  
}
```

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, 193, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 193, 228) }
```

Border

The CSS property to change the border of an element to YIQ 211.0430, 16.7770, 20.8490 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, 193, 228) }
```


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

```
.border{ border-color:rgb(240, 193, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 193, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 193, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 193, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 193,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0430, 16.7770, 20.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 193, 228) }
```

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

```
.background{ background-color: rgb(240,  
193, 228) }
```

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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