

Converting Colors

YIQ(215.3190, 16.1800, 26.1640)

Have a look what the booklet for
YIQ(215.3190, 16.1800, 26.1640)
contains.

YIQ(215.3190, 16.1800, 26.1640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.3190, 16.1800,
26.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C2F2
RGB	247, 194, 242
RGB Percent	97%, 76%, 95%
CMY	0.0312, 0.2393, 0.0509
CMYK	0.00, 0.21, 0.02, 0.03
HSL	306°, 77%, 86%
HSV	306°, 21%, 97%
XYZ	73.6867, 64.7663, 92.6273
YIQ	215.3190, 16.1800, 26.1640

Conversions

Conversions Part 2

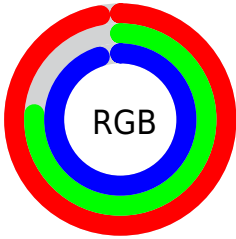
Format	Color
R _Y B	247, 194, 242
Decimal	16237298
CIE Lab	84.36, 26.73, -16.47
CIE LCh	84, 31.391, 328.362
Yxy	64.7663, 0.3189, 0.2803
Android (android.graphics.Color)	4294427378 (0xFFF7C2F2)
YUV	215.3190, 13.1537, 27.7842
Hunter-Lab	80.4775, 22.6022, -11.9068

Details

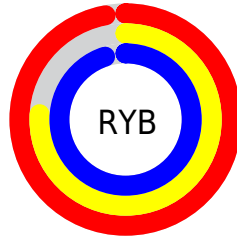
The YIQ color $215.3190, 16.1800, 26.1640$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $225.6810, -16.1800, -26.1640$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $160.1940, 15.0340, 24.9060$ is the 20% darker color. If you saturate the color by 10%, you get $200.4160, 23.6970, 38.6170$, and if you desaturate by 10%, it is $230.2220, 8.6630, 13.7110$.

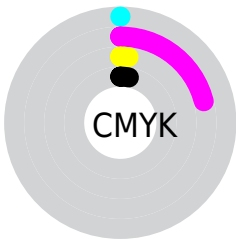
Distribution



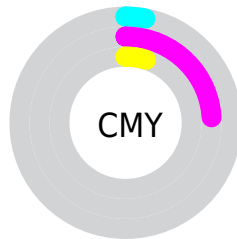
- Red (97%)
- Green (76%)
- Blue (95%)



- Red (97%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.3190, 16.1800, 26.1640 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 215.3190, 16.1800, 26.1640 by changing the saturation by 10% instead.


 215.3190, 16.1800,
26.1640


 215.3190, 16.1800,
26.1640


255.0000, -0.0000,
-0.0000


 187.6070, 15.3090,
25.4290


 252.6520, 1.1000,
2.0920

 160.1940, 15.0340,
24.9060

 133.7810, 14.7590,
24.3830

 108.0690, 13.8880,
23.6480

 83.2430, 13.3380,
22.6020

 59.5310, 12.4670,
21.8670

 36.2320, 11.8710,

21.6550

■ 15.9930, 11.0460,
20.0860

■ 1.8240, -5.1360,
4.9760

■ 215.3190, 16.1800,
26.1640

■ 215.3190, 16.1800,
26.1640

■ 200.4160, 23.6970,
38.6170

■ 230.2220, 8.6630,
13.7110

■ 185.9860, 31.2600,
50.2360

■ 244.6520, 1.1000,
2.0920

■ 171.0830, 38.7770,
62.6890

■ 251.9240, -2.8420,
-3.5620

■ 156.1800, 46.2940,
75.1420

■ 252.1520, -3.4840,
-2.9400

■ 141.1630, 54.1320,
87.2840

■ 252.4940, -4.4470,
-2.0070

■ 126.8470, 61.3740,
99.2140

■ 252.6080, -4.7680,
-1.6960

■ 111.9440, 68.8910,
111.6670

■ 99.3890, 75.3080,
122.0280

Harmonies

Analogous

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



211.9180, -10.7320, 18.2920



215.3190, 16.1800, 26.1640



211.4700, 31.6320, 21.4560

Triad

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



215.3190, 16.1800, 26.1640



208.9770, 33.1970, -12.4270



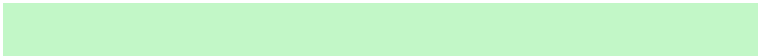
195.9730, -66.4320, -18.5280

Complementary

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



215.3190, 16.1800, 26.1640



225.6810, -16.1800, -26.1640

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.



197.9240, -47.5410, -24.9890



215.3190, 16.1800, 26.1640



205.7890, 9.9990, -21.5290

Square

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



215.3190, 16.1800, 26.1640



210.8250, 45.8490, 0.5770



202.1260, -18.9310, -25.8670



199.4500, -63.0410, -8.3930

Rectangle

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



215.3190, 16.1800, 26.1640



209.1900, 38.0520, 15.2360



202.1260, -18.9310, -25.8670



196.0180, -62.3050, -21.7370

Sweetspot

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



215.3190, 16.1800, 26.1640



246.0810, 4.4460, 7.5340



201.2380, -14.6290, 17.3310



122.6030, 2.7960, 4.3960



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.



215.3190, 16.1800, 26.1640



215.5740, 20.0760, 32.6520



212.3550, 24.5260, 18.0780



114.8420, 3.6210, 5.9650



74.7660, 56.9280, 91.6800



23.6830, 18.1510, 28.9910

Inverse Universe

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



215.3190, 16.1800, 26.1640



215.5740, 20.0760, 32.6520



228.6450, -24.5260, -18.0780



114.8420, 3.6210, 5.9650



74.7660, 56.9280, 91.6800



23.6830, 18.1510, 28.9910

Previews

White Background



This preview shows how the YIQ color 215.3190, 16.1800, 26.1640 looks on a white background.

Color Contrast Check

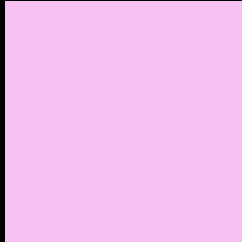
Large Text (above 18pt) WCAG AA × Fail

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 215.3190, 16.1800, 26.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

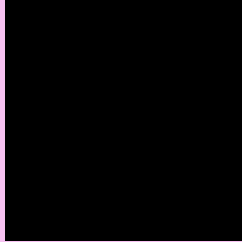
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.3190, 16.1800, 26.1640

Background



This preview shows how black text looks on a background with the YIQ color 215.3190, 16.1800, 26.1640.



This preview shows how white text looks on a background with the YIQ color 215.3190, 16.1800,

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

215.3190, 16.1800, 26.1640

Protanopia

211.8090, -17.9750, 11.8890

Deuteranopia

212.8770, -3.4870, 13.6410



Tritanopia

213.8660, 21.4090, 13.9930

Trichromacy



Original Color

215.3190, 16.1800, 26.1640



Protanomaly

213.2020, -5.7800, 16.6520



Deuteranomaly

213.9320, 3.8480, 18.3760



Tritanomaly

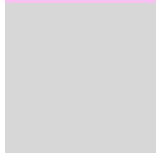
214.1310, 19.3450, 18.3610

Monochromacy



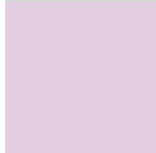
Original Color

215.3190, 16.1800, 26.1640



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.0320, 6.1420, 9.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3190, 16.1800, 26.1640 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(247, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 194, 242)  
}
```

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(247, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 194, 242) }
```

Border

The CSS property to change the border of an element to YIQ 215.3190, 16.1800, 26.1640 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(247, 194, 242) }
```


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

```
.border{ border-color:rgb(247, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 194,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3190, 16.1800, 26.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 194, 242) }
```

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

```
.background{ background-color: rgb(247,  
194, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor