

Converting Colors

YIQ(217.7830, 28.4720, 1.6240)

Have a look what the booklet for
YIQ(217.7830, 28.4720, 1.6240)
contains.

YIQ(217.7830, 28.4720, 1.6240)	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(217.7830, 28.4720,
1.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D1BD
RGB	246, 209, 189
RGB Percent	96%, 82%, 74%
CMY	0.0352, 0.1804, 0.2587
CMYK	0.00, 0.15, 0.23, 0.04
HSL	21°, 76%, 85%
HSV	21°, 23%, 96%
XYZ	69.9983, 68.8651, 57.7658
YIQ	217.7830, 28.4720, 1.6240

Conversions

Conversions Part 2

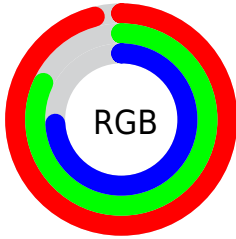
Format	Color
R _Y B	246, 220, 189
Decimal	16175549
CIE Lab	86.44, 9.99, 14.71
CIE LCh	86, 17.780, 55.816
Yxy	68.8651, 0.3560, 0.3502
Android (android.graphics.Color)	4294365629 (0xFFFF6D1BD)
YUV	217.7830, -14.1900, 24.7463
Hunter-Lab	82.9850, 5.3419, 16.8178

Details

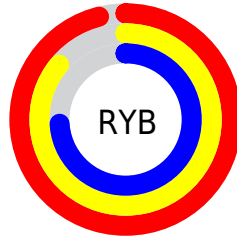
The YIQ color $217.7830, 28.4720, 1.6240$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.2170, -28.4720, -1.6240$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $163.0000, 26.3630, 1.2990$ is the 20% darker color. If you saturate the color by 10%, you get $205.5410, 40.8970, 2.2170$, and if you desaturate by 10%, it is $230.0250, 16.0470, 1.0310$.

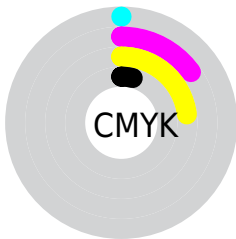
Distribution



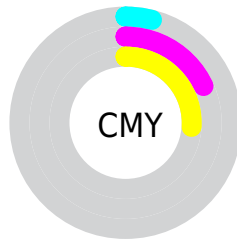
- Red (96%)
- Green (82%)
- Blue (74%)



- Red (96%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (4%)




- Cyan (4%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.7830, 28.4720, 1.6240 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 217.7830, 28.4720, 1.6240 by changing the saturation by 10% instead.

 217.7830, 28.4720,
1.6240


 217.7830, 28.4720,
1.6240


255.0000, -0.0000,
-0.0000


 189.5980, 27.5550,
1.7230


 253.8600, 3.2100,
-3.1100

 163.0000, 26.3630,
1.2990

 136.7010, 25.7670,
1.0870

 110.6300, 24.5290,
1.4970

 86.1460, 23.0160,
1.3840

 62.6620, 21.5030,
1.2710

 40.7650, 19.7150,

0.6350

■ 19.5800, 18.7980,
0.7340

■ 0.0000, 0.0000,
0.0000

■ 217.7830, 28.4720,
1.6240

■ 217.7830, 28.4720,
1.6240

■ 205.5410, 40.8970,
2.2170

■ 230.0250, 16.0470,
1.0310

■ 193.4130, 53.0010,
3.1210

■ 242.1530, 3.9430,
0.1270

■ 181.1710, 65.4260,
3.7140

■ 252.3090, -5.3640,
-1.9080

■ 169.0430, 77.5300,
4.6180

■ 156.8010, 89.9550,
5.2110

■ 144.5590,
102.3800, 5.8040

■ 132.4310,
114.4840, 6.7080

■ 124.0360,
122.9660, 7.1740

Harmonies

Analogous

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



218.7110, 28.9750, 9.0310



217.7830, 28.4720, 1.6240



215.8480, 20.6790, -5.8250

Triad

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



217.7830, 28.4720, 1.6240



210.4650, -23.8390, -14.0070



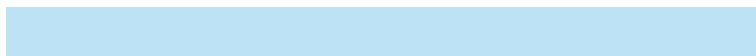
218.0720, -8.5300, 11.4220

Complementary

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



217.7830, 28.4720, 1.6240



217.2170, -28.4720, -1.6240

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.



214.7710, -23.9800, 5.0760



217.7830, 28.4720, 1.6240



210.3100, -33.4680, -10.2040

Square

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



217.7830, 28.4720, 1.6240



212.2510, -8.6170, -14.5450



211.9390, -33.5610, -3.0090



219.4500, 8.0210, 14.3330

Rectangle

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



217.7830, 28.4720, 1.6240



214.7220, 12.1060, -10.1500



211.9390, -33.5610, -3.0090



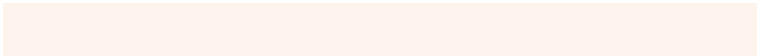
217.0820, -14.4900, 9.3020

Sweetspot

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



217.7830, 28.4720, 1.6240



245.9040, 9.0780, 0.6780



210.2610, 22.0950, 23.5910



122.6370, 5.4560, 0.2400



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.



217.7830, 28.4720, 1.6240



219.9040, 35.4410, 1.9770



234.2190, 20.7720, -13.0200



115.9360, 6.0520, 0.4520



93.7690, 92.9810, 5.4370



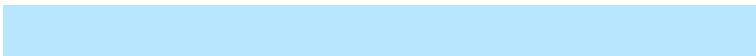
29.9680, 29.3890, 1.5250

Inverse Universe

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



217.2170, -28.4720, -1.6240



219.0960, -35.4410, -1.9770



200.7810, -20.7720, 13.0200



116.0640, -6.0520, -0.4520



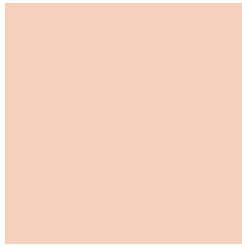
92.2310, -92.9810, -5.4370



29.0320, -29.3890, -1.5250

Previews

White Background



This preview shows how the YIQ color 217.7830, 28.4720, 1.6240 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 217.7830, 28.4720, 1.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

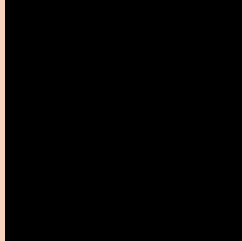
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.7830, 28.4720, 1.6240

Background



This preview shows how black text looks on a background with the YIQ color 217.7830, 28.4720, 1.6240.



This preview shows how white text looks on a background with the YIQ color 217.7830, 28.4720,

1.6240.

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

217.7830, 28.4720, 1.6240

Protanopia

216.3680, 13.3430, -5.0330

Deuteranopia

217.4950, 29.3430, 2.3590



Tritanopia

219.5780, 22.2800, 14.7280

Trichromacy



Original Color

217.7830, 28.4720, 1.6240

Protanomaly

216.5860, 18.6610, -2.2910

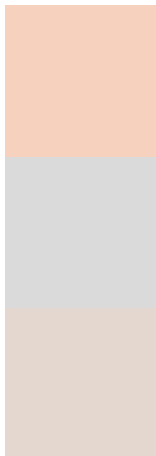
Deuteranomaly

217.4950, 29.3430, 2.3590

Tritanomaly

219.1990, 24.6650, 10.0490

Monochromacy



Original Color

217.7830, 28.4720, 1.6240

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9750, 10.3160, 0.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7830, 28.4720, 1.6240 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(246, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 189)  
}
```

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(246, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 189) }
```

Border

The CSS property to change the border of an element to YIQ 217.7830, 28.4720, 1.6240 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(246, 209, 189) }
```


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

```
.border{ border-color:rgb(246, 209, 189) }
```

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

Here you see how a box with a 4 pixel rgb(246, 209, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 209,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7830, 28.4720, 1.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 189) }
```

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

```
.background{ background-color: rgb(246,  
209, 189) }
```

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