

Converting Colors

YIQ(227.4790, 18.2450, 16.2690)

Have a look what the booklet for
YIQ(227.4790, 18.2450, 16.2690)
contains.

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Color

**YIQ(227.4790, 18.2450,
16.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4EB
RGB	255, 212, 235
RGB Percent	100%, 83%, 92%
CMY	0.0000, 0.1687, 0.0784
CMYK	0.00, 0.17, 0.08, 0.00
HSL	328°, 100%, 92%
HSV	328°, 17%, 100%
XYZ	79.7764, 74.3369, 88.7516
YIQ	227.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

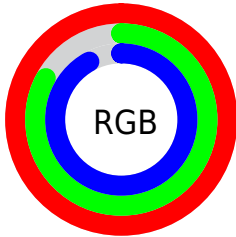
Format	Color
R _Y B	255, 212, 235
Decimal	16766187
CIE Lab	89.08, 18.71, -5.65
CIE LCh	89, 19.542, 343.194
Yxy	74.3369, 0.3285, 0.3061
Android (android.graphics.Color)	4294956267 (0xFFFFD4EB)
YUV	227.4790, 3.7079, 24.1359
Hunter-Lab	86.2189, 14.2791, -0.6785

Details

The YIQ color **227.4790, 18.2450, 16.2690** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **239.5210, -18.2450, -16.2690**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **171.7670, 17.3740, 15.5340** is the 20% darker color. If you saturate the color by 10%, you get **210.8490, 29.2470, 26.1350**, and if you desaturate by 10%, it is **243.5220, 7.5180, 6.9260**.

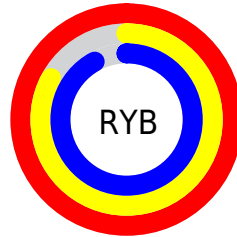
Distribution



Red (100%)

Green (83%)

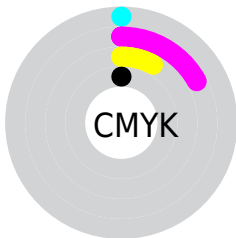
Blue (92%)



Red (100%)

Yellow (83%)

Blue (92%)

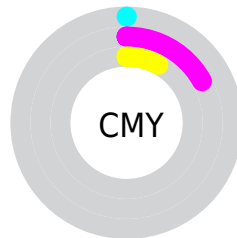


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.4790, 18.2450, 16.2690 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 227.4790, 18.2450, 16.2690 by changing the saturation by 10% instead.

227.4790, 18.2450,
16.2690

227.4790, 18.2450,
16.2690

255.0000, -0.0000,
-0.0000

199.1800, 17.6490,
16.0570

171.7670, 17.3740,
15.5340

145.1690, 16.1820,
15.1100

119.7560, 15.9070,
14.5870

94.4570, 15.3110,
14.3750

70.7450, 14.4400,
13.6400

48.0330, 13.5690,

12.9050

■ 26.4350, 12.3770,
12.4810

■ 9.0280, 11.9650,
8.9330

■ 227.4790, 18.2450,
16.2690

■ 227.4790, 18.2450,
16.2690

■ 210.8490, 29.2470,
26.1350

■ 243.5220, 7.5180,
6.9260

■ 194.8060, 39.9740,
35.4780

255.0000, -0.0000,
-0.0000

■ 178.1760, 50.9760,
45.3440

■ 162.2470, 61.3820,
54.9980

■ 145.6170, 72.3840,
64.8640

■ 129.5740, 83.1110,
74.2070

■ 112.9440, 94.1130,
84.0730

■ 96.9010, 104.8400,
93.4160

■ 91.8630, 108.0030,
96.6670

Harmonies

Analogous

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



226.2690, 1.2810, 15.3370



227.4790, 18.2450, 16.2690



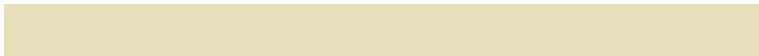
224.7260, 24.6190, 10.8830

Triad

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



227.4790, 18.2450, 16.2690



222.1630, 15.1780, -10.7580



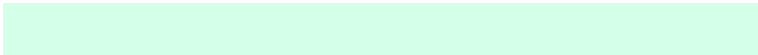
218.0800, -38.5120, -6.8960

Complementary

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



227.4790, 18.2450, 16.2690



239.5210, -18.2450, -16.2690

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.



217.0170, -34.2010, -13.4410



227.4790, 18.2450, 16.2690



219.8450, -1.6020, -15.0260

Square

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



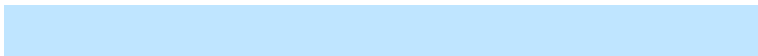
227.4790, 18.2450, 16.2690



224.2510, 26.9140, -3.1820



218.0370, -19.7580, -16.3820



220.6020, -30.9940, 0.0300

Rectangle

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



227.4790, 18.2450, 16.2690



223.9450, 28.1960, 6.6280



218.0370, -19.7580, -16.3820



217.3850, -38.0530, -9.7090

Sweetspot

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



227.4790, 18.2450, 16.2690



246.6850, 5.5010, 4.9330



222.5830, -2.4790, 17.4010



122.8480, 3.4840, 2.9400



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.



227.4790, 18.2450, 16.2690



222.3270, 21.7290, 19.2090



225.0850, 24.9860, 9.7380



119.6850, 5.5010, 4.9330



68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420

Inverse Universe

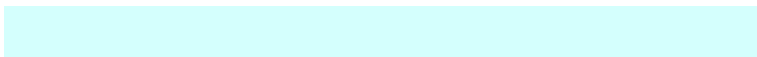
The Inverse Universe completely reimagines the original color for something new.



227.4790, 18.2450, 16.2690



222.3270, 21.7290, 19.2090



241.9150, -24.9860, -9.7380



119.6850, 5.5010, 4.9330



68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 227.4790, 18.2450, 16.2690 looks on a white background.

Color Contrast Check

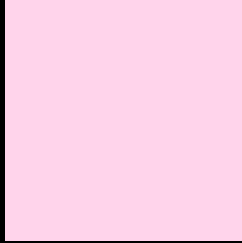
Large Text (above 18pt) WCAG AA × Fail

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 227.4790, 18.2450, 16.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

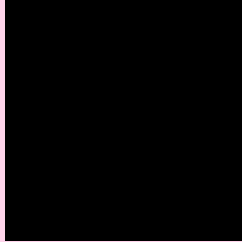
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.4790, 18.2450, 16.2690

Background



This preview shows how black text looks on a background with the YIQ color 227.4790, 18.2450, 16.2690.



This preview shows how white text looks on a background with the YIQ color 227.4790, 18.2450,

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

227.4790, 18.2450, 16.2690

Protanopia

225.0520, -5.7780, 5.5980

Deuteranopia

226.1140, 8.8470, 10.3750



Tritanopia

227.0830, 19.3000, 13.6680

Trichromacy



Original Color

227.4790, 18.2450, 16.2690

Protanomaly

226.0640, 3.1160, 9.6120

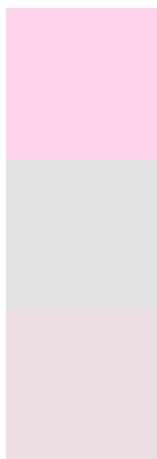
Deuteranomaly

226.4350, 12.3770, 12.4810

Tritanomaly

227.3110, 18.6580, 14.2900

Monochromacy



Original Color

227.4790, 18.2450, 16.2690

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.3970, 6.3720, 5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.4790, 18.2450, 16.2690 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(255, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 235)  
}
```

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(255, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 235) }
```

Border

The CSS property to change the border of an element to YIQ 227.4790, 18.2450, 16.2690 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(255, 212, 235) }
```


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

```
.border{ border-color:rgb(255, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 227.4790, 18.2450, 16.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 235) }
```

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

```
.background{ background-color: rgb(255,  
212, 235) }
```

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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