

Converting Colors

YIQ(197.7460, 21.8670, 16.7070)

Have a look what the booklet for
YIQ(197.7460, 21.8670, 16.7070)
contains.

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Color

**YIQ(197.7460, 21.8670,
16.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B5CA
RGB	229, 181, 202
RGB Percent	90%, 71%, 79%
CMY	0.1018, 0.2903, 0.2078
CMYK	0.00, 0.21, 0.12, 0.10
HSL	334°, 48%, 80%
HSV	334°, 21%, 90%
XYZ	59.5060, 53.9680, 63.1688
YIQ	197.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

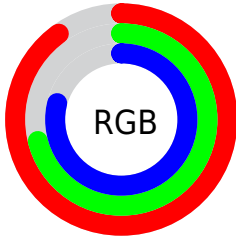
Format	Color
R _Y B	229, 181, 202
Decimal	15054282
CIE Lab	78.44, 20.66, -3.97
CIE LCh	78, 21.034, 349.113
Yxy	53.9680, 0.3369, 0.3055
Android (android.graphics.Color)	4293244362 (0xFFE5B5CA)
YUV	197.7460, 2.0972, 27.4098
Hunter-Lab	73.4629, 16.0274, 0.4422

Details

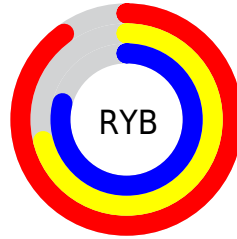
The YIQ color **197.7460, 21.8670, 16.7070** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **212.2540, -21.8670, -16.7070**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **143.7350, 20.4000, 15.7600** is the 20% darker color. If you saturate the color by 10%, you get **182.7630, 32.3650, 24.6930**, and if you desaturate by 10%, it is **212.7290, 11.3690, 8.7210**.

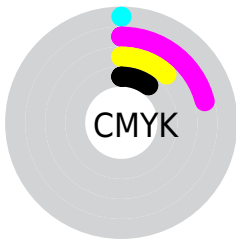
Distribution



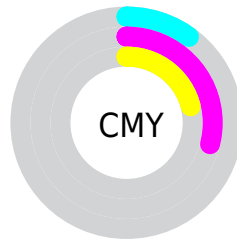
- Red (90%)
- Green (71%)
- Blue (79%)



- Red (90%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (10%)




- Cyan (10%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.7460, 21.8670, 16.7070 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 197.7460, 21.8670, 16.7070 by changing the saturation by 10% instead.

 197.7460, 21.8670,
16.7070


 197.7460, 21.8670,
16.7070


255.0000, -0.0000,
-0.0000


 170.4470, 21.2710,
16.4950


 244.4340, 4.9500,
9.4140

 143.7350, 20.4000,
15.7600

 118.0230, 19.5290,
15.0250

 92.7240, 18.9330,
14.8130

 69.1260, 17.7410,
14.3890

 46.1150, 16.2740,
13.4420

 23.9300, 15.3570,

13.5410

■ 8.2300, 14.2120,
6.7560

■ 0.0000, 0.0000,
0.0000

■ 197.7460, 21.8670,
16.7070

■ 197.7460, 21.8670,
16.7070

■ 182.7630, 32.3650,
24.6930

■ 212.7290, 11.3690,
8.7210

■ 167.7800, 42.8630,
32.6790

■ 227.7120, 0.8710,
0.7350

■ 152.7970, 53.3610,
40.6650

■ 242.6950, -9.6270,
-7.2510

■ 137.9280, 63.5380,
48.9620

■ 247.1120,
-15.1750, -5.8230

■ 122.9450, 74.0360,
56.9480

■ 247.2260,
-15.4960, -5.5120

■ 108.5490, 84.2590,
64.4110

■ 93.5660, 94.7570,
72.3970

■ 79.8710, 104.3840,
79.6480

Harmonies

Analogous

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



197.0630, 4.8570, 16.6090



197.7460, 21.8670, 16.7070



197.2600, 31.8630, 11.7590

Triad

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



197.7460, 21.8670, 16.7070



192.1410, 12.2440, -12.6520



187.9380, -40.9880, -6.0760

Complementary

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



197.7460, 21.8670, 16.7070



212.2540, -21.8670, -16.7070

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.



186.2770, -37.8690, -13.0450



197.7460, 21.8670, 16.7070



189.7520, -5.7740, -16.5100

Square

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



197.7460, 21.8670, 16.7070



193.8980, 26.4100, -5.0620



187.2860, -24.8930, -16.9330



191.4110, -31.7740, 3.1540

Rectangle

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



197.7460, 21.8670, 16.7070



196.4680, 33.9730, 6.5570



187.2860, -24.8930, -16.9330



187.0580, -41.4460, -8.7900

Sweetspot

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



197.7460, 21.8670, 16.7070



245.1690, 7.0140, 5.0460



194.2460, 0.0880, 20.4400



122.0330, 4.4010, 2.8410



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.



197.7460, 21.8670, 16.7070



213.3280, 29.1560, 22.2760



196.5260, 28.0580, 9.1300



107.1580, 5.5470, 4.0990



62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Inverse Universe

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



197.7460, 21.8670, 16.7070



213.3280, 29.1560, 22.2760



213.4740, -28.0580, -9.1300



107.1580, 5.5470, 4.0990



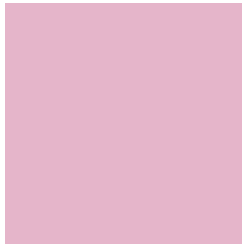
62.4130, 81.6460, 62.2060



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 197.7460, 21.8670, 16.7070 looks on a white background.

Color Contrast Check

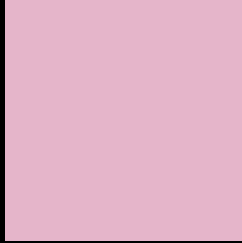
Large Text (above 18pt) WCAG AA × Fail

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 197.7460, 21.8670, 16.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

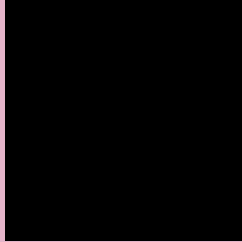
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.7460, 21.8670, 16.7070

Background



This preview shows how black text looks on a background with the YIQ color 197.7460, 21.8670, 16.7070.



This preview shows how white text looks on a background with the YIQ color 197.7460, 21.8670,

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

197.7460, 21.8670, 16.7070

Protanopia

194.8240, -5.1360, 4.9760

Deuteranopia

196.0600, 8.9390, 8.7070



Tritanopia

197.3500, 22.9220, 14.1060

Trichromacy



Original Color

197.7460, 21.8670, 16.7070

Protanomaly

196.0210, 4.6750, 8.8910

Deuteranomaly

196.3920, 13.9360, 11.7600

Tritanomaly

197.5780, 22.2800, 14.7280

Monochromacy



Original Color

197.7460, 21.8670, 16.7070

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.7460, 21.8670, 16.7070 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(229, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(229, 181, 202)  
}
```

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(229, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 181, 202) }
```

Border

The CSS property to change the border of an element to YIQ 197.7460, 21.8670, 16.7070 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(229, 181, 202) }
```


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

```
.border{ border-color:rgb(229, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 181, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 181, 202); box-shadow:4px 4px 4px 4px rgb(229, 181, 202) }
```

Background

The CSS property to change the background color of an element to YIQ 197.7460, 21.8670, 16.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 181, 202) }
```

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

```
.background{ background-color: rgb(229,  
181, 202) }
```

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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