

Converting Colors

YIQ(197.0670, -0.9660, 17.5140)

Have a look what the booklet for
YIQ(197.0670, -0.9660, 17.5140)
contains.

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Color

**YIQ(197.0670, -0.9660,
17.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBAE4
RGB	207, 186, 228
RGB Percent	81%, 73%, 89%
CMY	0.1882, 0.2706, 0.1059
CMYK	0.09, 0.18, 0.00, 0.11
HSL	270°, 44%, 81%
HSV	270°, 18%, 89%
XYZ	57.2969, 53.9833, 80.7920
YIQ	197.0670, -0.9660, 17.5140

Conversions

Conversions Part 2

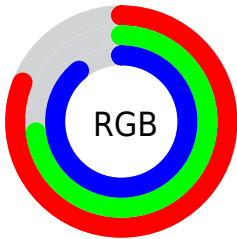
Format	Color
R_{YB}	207, 186, 228
Decimal	13613796
CIE _{Lab}	78.45, 15.26, -18.22
CIE _{LCh}	78, 23.761, 309.948
Yxy	53.9833, 0.2983, 0.2811
Android (android.graphics.Color)	4291803876 (0xFFCFBAE4)
YUV	197.0670, 15.2500, 8.7112
Hunter-Lab	73.4733, 10.6220, -13.7646

Details

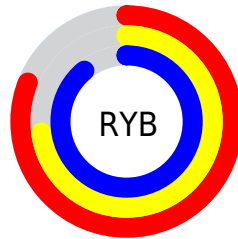
The YIQ color $197.0670, -0.9660, 17.5140$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $216.9330, 0.9660, -17.5140$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $143.2410, -1.5160, 16.4680$ is the 20% darker color. If you saturate the color by 10%, you get $180.2770, -1.1970, 27.2110$, and if you desaturate by 10%, it is $213.8570, -0.7350, 7.8170$.

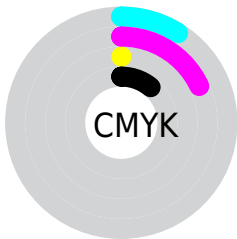
Distribution



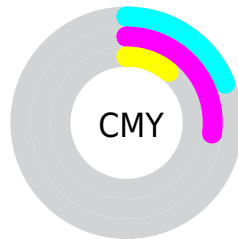
- Red (81%)
- Green (73%)
- Blue (89%)



- Red (81%)
- Yellow (73%)
- Blue (89%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0670, -0.9660, 17.5140 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 197.0670, -0.9660, 17.5140 by changing the saturation by 10% instead.

■ 197.0670, -0.9660,
17.5140

■ 197.0670, -0.9660,
17.5140

■ 255.0000, -0.0000,
-0.0000

■ 169.6540, -1.2410,
16.9910

■ 247.3690, 3.5750,
6.7990

■ 143.2410, -1.5160,
16.4680

■ 117.7140, -1.4700,
15.6340

■ 92.6000, -1.1490,
15.3230

■ 69.0730, -1.1030,
14.4890

■ 46.2470, -1.6530,
13.4430

■ 25.4210, -2.2030,

12.3970

■ 4.3880, -6.6040,
9.5560

■ 0.0000, 0.0000,
0.0000

■ 197.0670, -0.9660,
17.5140

■ 197.0670, -0.9660,
17.5140

■ 180.2770, -1.1970,
27.2110

■ 213.8570, -0.7350,
7.8170

■ 163.1880, -2.0240,
36.6960

■ 230.9460, 0.0920,
-1.6680

■ 146.9850, -2.5300,
45.8700

■ 247.1490, 0.5980,
-10.8420

■ 129.8960, -3.3570,
55.3550

■ 251.3240, 7.4750,
-8.8210

■ 113.1060, -3.5880,
65.0520

■ 251.9220, 8.6670,
-8.3970

■ 96.3160, -3.8190,
74.7490

■ 79.2270, -4.6460,
84.2340

■ 63.0240, -5.1520,
93.4080

■ 60.0780, -5.2440,
95.0760

Harmonies

Analogous

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



194.1180, -23.3390, 9.9810



197.0670, -0.9660, 17.5140



198.0710, 19.5740, 19.7180

Triad

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



197.0670, -0.9660, 17.5140



194.7740, 32.6910, -3.2530



185.0870, -40.3900, -16.9180

Complementary

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



197.0670, -0.9660, 17.5140



216.9330, 0.9660, -17.5140

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.



186.6730, -21.7290, -19.2090



197.0670, -0.9660, 17.5140



192.3760, 18.8920, -11.9880

Square

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



197.0670, -0.9660, 17.5140



196.1480, 37.8700, 7.5180



189.4490, -0.5470, -17.6270



185.4100, -48.3690, -9.9770

Rectangle

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



197.0670, -0.9660, 17.5140



197.5790, 29.7070, 17.7950



189.4490, -0.5470, -17.6270



185.6700, -34.8420, -18.3460

Sweetspot

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



197.0670, -0.9660, 17.5140



243.8030, -0.6430, 6.1490



203.1150, -19.2570, 2.0790



121.2220, -0.5050, 3.6470



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.



197.0670, -0.9660, 17.5140



213.7560, -1.2880, 23.3520



203.3460, 11.5500, 21.9660



106.1620, -0.2760, 5.0040



47.0170, -4.4150, 74.5370



13.5880, -0.8750, 21.3730

Inverse Universe

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



200.9520, 18.2910, 15.4350



218.9360, 24.3880, 20.5800



210.6540, -11.5500, -21.9660



107.2720, 5.2260, 4.4100



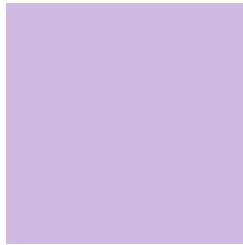
63.6670, 78.1150, 65.6270



18.0990, 22.3710, 18.5870

Previews

White Background



This preview shows how the YIQ color 197.0670, -0.9660, 17.5140 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 197.0670, -0.9660, 17.5140 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 197.0670, -0.9660, 17.5140

Background



This preview shows how black text looks on a background with the YIQ color 197.0670, -0.9660, 17.5140.



This preview shows how white text looks on a background with the YIQ color 197.0670, -0.9660,

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

197.0670, -0.9660, 17.5140

Protanopia

194.7660, -16.4160, 11.1680

Deuteranopia

196.3110, -7.7050, 12.9910



Tritanopia

195.5970, 2.9330, 7.4210

Trichromacy



Original Color

197.0670, -0.9660, 17.5140

Protanomaly

195.8700, -10.7770, 13.5990

Deuteranomaly

196.9200, -5.0460, 14.3620

Tritanomaly

196.2210, 1.2360, 10.6440

Monochromacy



Original Color

197.0670, -0.9660, 17.5140

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0670, -0.9660, 17.5140 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(207, 186, 228)` looks like.

```
.text, #text, p{  
    color:rgb(207, 186, 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(207, 186, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 186, 228) }
```

Border

The CSS property to change the border of an element to YIQ 197.0670, -0.9660, 17.5140 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(207, 186, 228) }
```


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

```
.border{ border-color:rgb(207, 186, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 186, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 186, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 186, 228); box-shadow:4px 4px 4px 4px rgb(207, 186, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0670, -0.9660, 17.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 186, 228) }
```

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

```
.background{ background-color: rgb(207,  
186, 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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