

Converting Colors

YIQ(197.5700, 25.8990, 31.7470)

Have a look what the booklet for
YIQ(197.5700, 25.8990, 31.7470)
contains.

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Color

**YIQ(197.5700, 25.8990,
31.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AADF
RGB	242, 170, 223
RGB Percent	95%, 67%, 87%
CMY	0.0508, 0.3334, 0.1254
CMYK	0.00, 0.30, 0.08, 0.05
HSL	316°, 74%, 81%
HSV	316°, 30%, 95%
XYZ	64.3263, 52.9532, 76.6538
YIQ	197.5700, 25.8990, 31.7470

Conversions

Conversions Part 2

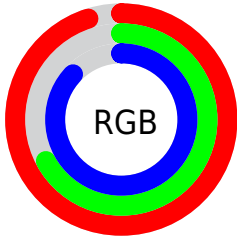
Format	Color
R _Y B	242, 170, 223
Decimal	15903455
CIE Lab	77.85, 34.47, -16.11
CIE LCh	78, 38.054, 334.949
Yxy	52.9532, 0.3317, 0.2730
Android (android.graphics.Color)	4294093535 (0xFFFF2AADF)
YUV	197.5700, 12.5370, 38.9651
Hunter-Lab	72.7689, 30.4449, -11.5170

Details

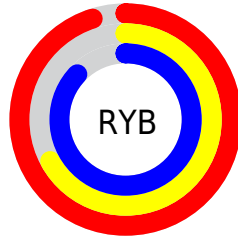
The YIQ color $197.5700, 25.8990, 31.7470$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $214.4300, -25.8990, -31.7470$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $143.1460, 24.1570, 30.2770$ is the 20% darker color. If you saturate the color by 10%, you get $182.7980, 34.4250, 42.4330$, and if you desaturate by 10%, it is $212.3420, 17.3730, 21.0610$.

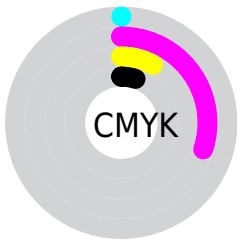
Distribution



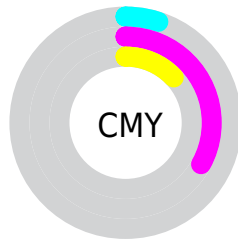
- Red (95%)
- Green (67%)
- Blue (87%)



- Red (95%)
- Yellow (67%)
- Blue (87%)



- Cyan (0%)
- Magenta (30%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.5700, 25.8990, 31.7470 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 197.5700, 25.8990, 31.7470 by changing the saturation by 10% instead.

■ 197.5700, 25.8990,
31.7470

■ 197.5700, 25.8990,
31.7470

255.0000, -0.0000,
-0.0000

■ 169.8580, 25.0280,
31.0120

■ 237.9770, 7.9750,
15.1670

■ 143.1460, 24.1570,
30.2770

■ 116.4340, 23.2860,
29.5420

■ 91.7220, 22.4150,
28.8070

■ 66.1240, 21.2230,
28.3830

■ 41.2380, 20.9020,
28.6940

■ 21.5750, 18.3350,

25.6550

■ 13.0160, 12.2390,
14.9830

■ 0.0000, 0.0000,
0.0000

■ 197.5700, 25.8990,
31.7470

■ 197.5700, 25.8990,
31.7470

■ 182.7980, 34.4250,
42.4330

■ 212.3420, 17.3730,
21.0610

■ 167.9120, 43.2720,
52.8080

■ 227.2280, 8.5260,
10.6860

■ 152.5530, 52.0730,
64.0170

■ 242.5870, -0.2750,
-0.5230

■ 137.6670, 60.9200,
74.3920

■ 250.4290, -5.8220,
-4.6220

■ 122.8950, 69.4460,
85.0780

■ 251.1130, -7.7480,
-2.7560

■ 108.1230, 77.9720,
95.7640

■ 93.2370, 86.8190,
106.1390

■ 92.6500, 87.0940,
106.6620

Harmonies

Analogous

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



196.0420, -7.8450, 26.5470



197.5700, 25.8990, 31.7470



194.5320, 46.2570, 26.2330

Triad

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



197.5700, 25.8990, 31.7470



189.7010, 33.7940, -17.7420



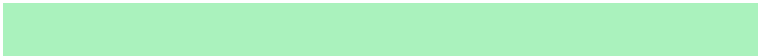
168.2560, -95.2700, -24.5340

Complementary

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



197.5700, 25.8990, 31.7470



214.4300, -25.8990, -31.7470

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.



172.9150, -69.6850, -31.1650



197.5700, 25.8990, 31.7470



185.4630, 4.8650, -27.6070

Square

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



197.5700, 25.8990, 31.7470



192.4250, 52.7270, -2.9290



179.9070, -31.6760, -31.6760



177.5220, -80.7390, -7.0350

Rectangle

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



197.5700, 25.8990, 31.7470



192.9700, 53.4110, 17.7230



179.9070, -31.6760, -31.6760



168.4860, -90.2260, -27.8420

Sweetspot

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



197.5700, 25.8990, 31.7470



240.8150, 8.2510, 10.1630



183.5900, -12.3840, 26.2080



118.7390, 5.4090, 6.6010



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.



197.5700, 25.8990, 31.7470



198.2600, 33.0040, 40.6520



193.5800, 37.1340, 20.8620



112.6140, 4.2630, 5.3430



70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Inverse Universe

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



197.5700, 25.8990, 31.7470



198.2600, 33.0040, 40.6520



218.4200, -37.1340, -20.8620



112.6140, 4.2630, 5.3430



70.4060, 66.3290, 80.9930



21.4180, 20.2150, 24.6230

Previews

White Background



This preview shows how the YIQ color 197.5700, 25.8990, 31.7470 looks on a white background.

Color Contrast Check

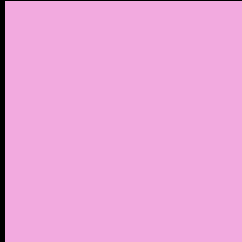
Large Text (above 18pt) WCAG AA × Fail

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 197.5700, 25.8990, 31.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

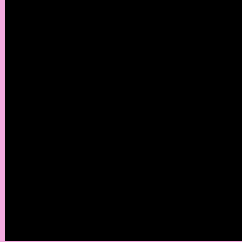
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.5700, 25.8990, 31.7470

Background



This preview shows how black text looks on a background with the YIQ color 197.5700, 25.8990, 31.7470.



This preview shows how white text looks on a background with the YIQ color 197.5700, 25.8990,

31.7470.

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

197.5700, 25.8990, 31.7470

Protanopia

193.5530, -20.1300, 12.3980

Deuteranopia

194.9370, -3.7160, 12.2840



Tritanopia

196.1340, 32.4580, 17.4980

Trichromacy



Original Color

197.5700, 25.8990, 31.7470



Protanomaly

194.8650, -3.2130, 19.6910



Deuteranomaly

195.7260, 7.4240, 19.6480



Tritanomaly

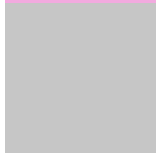
196.6270, 29.7520, 22.4880

Monochromacy



Original Color

197.5700, 25.8990, 31.7470



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.9400, 9.3970, 11.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5700, 25.8990, 31.7470 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(242, 170, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 170, 223)  
}
```

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(242, 170, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 223) }
```

Border

The CSS property to change the border of an element to YIQ 197.5700, 25.8990, 31.7470 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(242, 170, 223) }
```


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

```
.border{ border-color:rgb(242, 170, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 170, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 170, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 170, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 170,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5700, 25.8990, 31.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 170, 223) }
```

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

```
.background{ background-color: rgb(242,  
170, 223) }
```

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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