

Converting Colors

YIQ(195.7460, 31.0350, 26.7710)

Have a look what the booklet for
YIQ(195.7460, 31.0350, 26.7710)
contains.

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Color

**YIQ(195.7460, 31.0350,
26.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AACF
RGB	242, 170, 207
RGB Percent	95%, 67%, 81%
CMY	0.0508, 0.3334, 0.1881
CMYK	0.00, 0.30, 0.14, 0.05
HSL	329°, 74%, 81%
HSV	329°, 30%, 95%
XYZ	62.2695, 52.1303, 65.8271
YIQ	195.7460, 31.0350, 26.7710

Conversions

Conversions Part 2

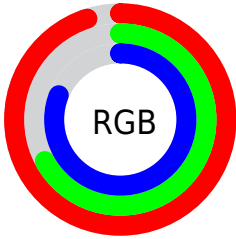
Format	Color
R _Y B	242, 170, 207
Decimal	15903439
CIE Lab	77.36, 31.85, -8.15
CIE LCh	77, 32.877, 345.647
Yxy	52.1303, 0.3455, 0.2892
Android (android.graphics.Color)	4294093519 (0xFFF2AACF)
YUV	195.7460, 5.5482, 40.5648
Hunter-Lab	72.2013, 27.5936, -3.5147

Details

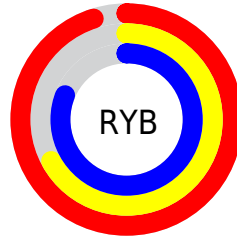
The YIQ color $195.7460, 31.0350, 26.7710$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $216.2540, -31.0350, -26.7710$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $141.4360, 28.9720, 25.6120$ is the 20% darker color. If you saturate the color by 10%, you get $180.2900, 41.4870, 35.5910$, and if you desaturate by 10%, it is $211.2020, 20.5830, 17.9510$.

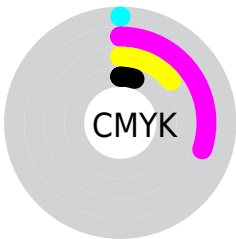
Distribution



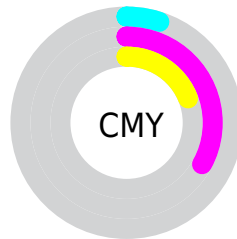
- Red (95%)
- Green (67%)
- Blue (81%)



- Red (95%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.7460, 31.0350, 26.7710 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 195.7460, 31.0350, 26.7710 by changing the saturation by 10% instead.

■ 195.7460, 31.0350,
26.7710

■ 195.7460, 31.0350,
26.7710

255.0000, -0.0000,
-0.0000

■ 168.0340, 30.1640,
26.0360

■ 237.9770, 7.9750,
15.1670

■ 141.4360, 28.9720,
25.6120

■ 115.4250, 27.5050,
24.6650

■ 89.8270, 26.3130,
24.2410

■ 65.2290, 25.1210,
23.8170

■ 41.0440, 24.2040,
23.9160

■ 20.0220, 21.2700,

22.0220

■ 11.0070, 16.4580,
10.1060

■ 0.0000, 0.0000,
0.0000

■ 195.7460, 31.0350,
26.7710

■ 195.7460, 31.0350,
26.7710

■ 180.2900, 41.4870,
35.5910

■ 211.2020, 20.5830,
17.9510

■ 164.8340, 51.9390,
44.4110

■ 226.6580, 10.1310,
9.1310

■ 148.9050, 62.3450,
54.0650

■ 242.5870, -0.2750,
-0.5230

■ 133.4490, 72.7970,
62.8850

■ 250.9990, -7.4270,
-3.0670

■ 117.9930, 83.2490,
71.7050

■ 251.1130, -7.7480,
-2.7560

■ 102.5370, 93.7010,
80.5250

■ 87.1950, 103.8320,
89.6560

■ 86.4940, 104.4280,
89.8680

Harmonies

Analogous

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



195.4470, 4.0760, 25.2600



195.7460, 31.0350, 26.7710



194.6150, 47.2210, 19.7730

Triad

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



195.7460, 31.0350, 26.7710



187.5300, 21.0940, -18.8580



176.0140, -73.6770, -13.8770

Complementary

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



195.7460, 31.0350, 26.7710



216.2540, -31.0350, -26.7710

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.



174.8820, -64.9180, -23.9420



195.7460, 31.0350, 26.7710



183.8840, -6.5060, -25.2740

Square

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



195.7460, 31.0350, 26.7710



190.6300, 41.7240, -7.2680



179.1330, -38.0040, -27.1240



183.4820, -56.8990, 1.4450

Rectangle

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



195.7460, 31.0350, 26.7710



193.6120, 51.3030, 11.8710



179.1330, -38.0040, -27.1240



174.4930, -73.7680, -17.7360

Sweetspot

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



195.7460, 31.0350, 26.7710



240.2450, 9.8560, 8.6080



188.6730, -2.2520, 29.8120



118.3970, 6.3720, 5.6680



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.



195.7460, 31.0350, 26.7710



195.8660, 39.7450, 34.1210



191.6420, 42.5910, 15.5750



112.2720, 5.2260, 4.4100



65.7320, 79.4900, 68.2420



20.0500, 24.0670, 20.8910

Inverse Universe

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



195.7460, 31.0350, 26.7710



195.8660, 39.7450, 34.1210



220.3580, -42.5910, -15.5750



112.2720, 5.2260, 4.4100



65.7320, 79.4900, 68.2420



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 195.7460, 31.0350, 26.7710 looks on a white background.

Color Contrast Check

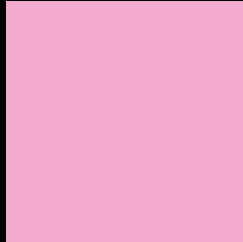
Large Text (above 18pt) WCAG AA × Fail

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 195.7460, 31.0350, 26.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

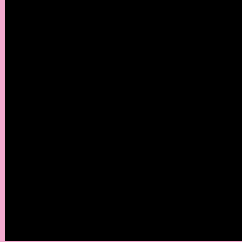
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.7460, 31.0350, 26.7710

Background



This preview shows how black text looks on a background with the YIQ color 195.7460, 31.0350, 26.7710.



This preview shows how white text looks on a background with the YIQ color 195.7460, 31.0350,

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

195.7460, 31.0350, 26.7710

Protanopia

192.2240, -12.0140, 8.4820

Deuteranopia

193.4340, 4.9500, 9.4140



Tritanopia

195.2160, 35.1630, 18.0350

Trichromacy



Original Color

195.7460, 31.0350, 26.7710

Protanomaly

193.5250, 3.4360, 14.8280

Deuteranomaly

194.2120, 14.6230, 15.8310

Tritanomaly

195.7260, 33.7870, 20.9470

Monochromacy



Original Color

195.7460, 31.0350, 26.7710

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.2560, 11.3230, 9.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7460, 31.0350, 26.7710 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 170, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 207) }
```

Border

The CSS property to change the border of an element to YIQ 195.7460, 31.0350, 26.7710 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, 207) }
```


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

```
.border{ border-color:rgb(242, 170, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 170,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7460, 31.0350, 26.7710 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, 207) }
```

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

```
.background{ background-color: rgb(242,  
170, 207) }
```

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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