

Converting Colors

YIQ(103.0770, 66.4180, 95.9060)

Have a look what the booklet for
YIQ(103.0770, 66.4180, 95.9060)
contains.

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Color

**YIQ(103.0770, 66.4180,
95.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	E217C1
RGB	226, 23, 193
RGB Percent	89%, 9%, 76%
CMY	0.1131, 0.9100, 0.2430
CMYK	0.00, 0.90, 0.15, 0.11
HSL	310°, 82%, 49%
HSV	310°, 90%, 89%
XYZ	41.3452, 20.6542, 52.2793
YIQ	103.0770, 66.4180, 95.9060

Conversions

Conversions Part 2

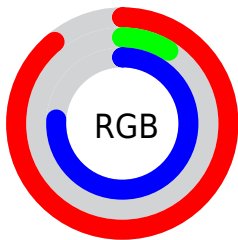
Format	Color
R _Y B	226, 23, 193
Decimal	14817217
CIE Lab	52.57, 83.29, -38.39
CIE LCh	53, 91.713, 335.256
Yxy	20.6542, 0.3618, 0.1807
Android (android.graphics.Color)	4293007297 (0xFFE217C1)
YUV	103.0770, 44.3320, 107.8035
Hunter-Lab	45.4469, 82.8579, -36.3907

Details

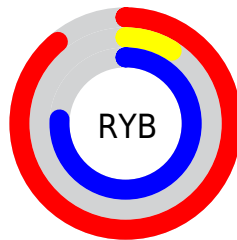
The YIQ color **103.0770, 66.4180, 95.9060** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **145.9230, -66.4180, -95.9060**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6190, 43.6800, 78.4640**, and **65.4800, 54.3170, 78.4210** is the 20% darker color. If you saturate the color by 10%, you get **89.1200, 74.0270, 106.6910**, and if you desaturate by 10%, it is **117.0340, 58.8090, 85.1210**.

Distribution



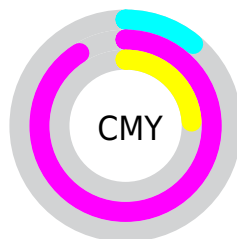
- Red (89%)
- Green (9%)
- Blue (76%)



- Red (89%)
- Yellow (9%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.0770, 66.4180, 95.9060 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 103.0770, 66.4180, 95.9060 by changing the saturation by 10% instead.


 103.0770, 66.4180,
95.9060


 103.0770, 66.4180,
95.9060


255.0000, -0.0000,
-0.0000


 77.5280, 63.5300,
93.1780


 164.6190, 43.6800,
78.4640


 65.4800, 54.3170,
78.4210


 183.3860, 33.5500,
63.8060

 53.5460, 44.7830,
63.9750


 200.9960, 25.3000,
48.1160

 42.0250, 35.5240,
50.0520

 219.1930, 16.7750,
31.9030

 31.2160, 27.1360,
36.8640

 236.8030, 8.5250,
16.2130

 19.9230, 17.2350,
23.5630

 5.6400, 1.3740,

8.1420

■ 0.0000, 0.0000,
0.0000

■ 103.0770, 66.4180,
95.9060

■ 103.0770, 66.4180,
95.9060

■ 89.1200, 74.0270,
106.6910

■ 117.0340, 58.8090,
85.1210

■ 130.2900, 51.7960,
74.5480

■ 144.2470, 44.1870,
63.7630

■ 157.6170, 36.8530,
53.5010

■ 171.4600, 29.5650,
42.4050

■ 185.4170, 21.9560,
31.6200

■ 198.7870, 14.6220,
21.3580

■ 212.7440, 7.0130,
10.5730

■ 226.0000, -0.0000,
0.0000

Harmonies

Analogous

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



125.4880, -28.3910, 57.5050



103.0770, 66.4180, 95.9060



89.3550, 115.0650, 89.8250

Triad

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



103.0770, 66.4180, 95.9060



116.7080, 49.1110, -36.5290



116.7830, -112.5110, -14.9350

Complementary

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



103.0770, 66.4180, 95.9060



145.9230, -66.4180, -95.9060

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.



107.8910, -87.4730, -39.1930



103.0770, 66.4180, 95.9060



99.1680, -11.8630, -65.8710

Square

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



103.0770, 66.4180, 95.9060



116.4620, 94.8630, -6.6490



95.8530, -59.0880, -63.5360



117.7070, -123.3800, 0.3320

Rectangle

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



103.0770, 66.4180, 95.9060



82.9430, 130.2440, 73.5400



95.8530, -59.0880, -63.5360



113.9330, -104.4860, -22.7100

Sweetspot

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



103.0770, 66.4180, 95.9060



213.2430, 22.5060, 32.6660



55.1120, -47.2830, 69.4930



103.1350, 13.5220, 19.2660



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.



103.0770, 66.4180, 95.9060



100.5270, 83.6070, 120.3030



91.7910, 98.1970, 65.1170



105.3150, 3.6670, 5.1310



69.3820, 57.7090, 83.0290



19.0260, 15.4470, 22.9270

Inverse Universe

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



103.0770, 66.4180, 95.9060



100.5270, 83.6070, 120.3030



157.2090, -98.1970, -65.1170



105.3150, 3.6670, 5.1310



69.3820, 57.7090, 83.0290



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 103.0770, 66.4180, 95.9060 looks on a white background.

Color Contrast Check

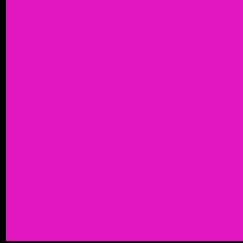
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0770, 66.4180, 95.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

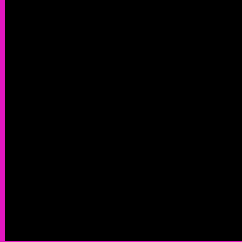
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 103.0770, 66.4180, 95.9060

Background



This preview shows how black text looks on a background with the YIQ color 103.0770, 66.4180, 95.9060.



This preview shows how white text looks on a background with the YIQ color 103.0770, 66.4180,

95.9060.

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

103.0770, 66.4180, 95.9060

Protanopia

109.6540, -97.5250, 21.8590

Deuteranopia

125.4040, -29.8960, 13.1760



Tritanopia

119.8320, 80.6430, 30.8110

Trichromacy



Original Color

103.0770, 66.4180, 95.9060



Protanomaly

107.1290, -37.9260, 48.5860



Deuteranomaly

117.2970, 5.2190, 43.0990



Tritanomaly

113.8480, 75.6870, 54.5590

Monochromacy



Original Color

103.0770, 66.4180, 95.9060



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

103.1940, 24.2020, 34.9700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.0770, 66.4180, 95.9060 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(226, 23, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 23, 193)  
}
```

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(226, 23, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 23, 193) }
```

Border

The CSS property to change the border of an element to YIQ 103.0770, 66.4180, 95.9060 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(226, 23, 193) }
```


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

```
.border{ border-color:rgb(226, 23, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 23, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 23, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 23, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 23,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 103.0770, 66.4180, 95.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 23, 193) }
```

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

```
.background{ background-color: rgb(226, 23,  
193) }
```

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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