

Converting Colors

YIQ(126.7210, 95.2180, 58.5300)

Have a look what the booklet for
YIQ(126.7210, 95.2180, 58.5300)
contains.

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Color

**YIQ(126.7210, 95.2180,
58.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3F79
RGB	254, 63, 121
RGB Percent	100%, 25%, 47%
CMY	0.0034, 0.7532, 0.5252
CMYK	0.00, 0.75, 0.52, 0.00
HSL	342°, 99%, 62%
HSV	342°, 75%, 100%
XYZ	46.1483, 26.0231, 20.7072
YIQ	126.7210, 95.2180, 58.5300

Conversions

Conversions Part 2

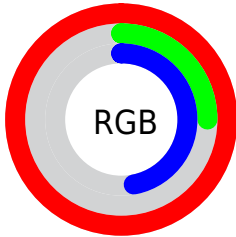
Format	Color
R_{YB}	254, 63, 121
Decimal	16662393
CIE _{Lab}	58.06, 73.77, 12.67
CIE _{LCh}	58, 74.846, 9.749
Yxy	26.0231, 0.4969, 0.2802
Android (android.graphics.Color)	4294852473 (0xFFFE3F79)
YUV	126.7210, -2.8205, 111.6237
Hunter-Lab	51.0129, 72.2058, 11.6420

Details

The YIQ color **126.7210, 95.2180, 58.5300** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **190.2790, -95.2180, -58.5300**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.9290, 61.7970, 41.9650**, and **65.4310, 90.4030, 63.1950** is the 20% darker color. If you saturate the color by 10%, you get **109.9940, 107.8710, 66.0070**, and if you desaturate by 10%, it is **143.4480, 82.5650, 51.0530**.

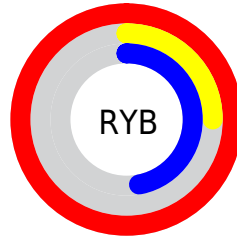
Distribution



Red (100%)

Green (25%)

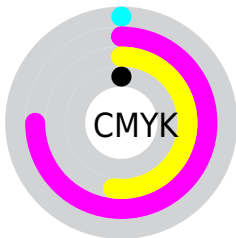
Blue (47%)



Red (100%)

Yellow (25%)

Blue (47%)

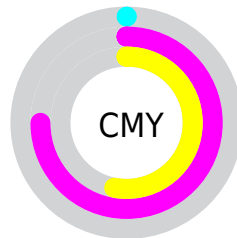


Cyan (0%)

Magenta (75%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.7210, 95.2180, 58.5300 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 126.7210, 95.2180, 58.5300 by changing the saturation by 10% instead.


 126.7210, 95.2180,
58.5300


 126.7210, 95.2180,
58.5300


255.0000, -0.0000,
-0.0000


 87.3010, 96.8210,
68.0290


 169.9290, 61.7970,
41.9650


 65.4310, 90.4030,
63.1950


 190.6170, 44.8800,
34.6720


 53.6540, 78.9890,
49.7810


 210.8320, 27.9170,
28.2130

 42.1050, 66.9330,
36.9890

 231.5200, 11.0000,
20.9200

 30.1710, 57.3990,
22.5430

 249.1300, 2.7500,
5.2300

 20.9730, 40.1610,
15.5610

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 126.7210, 95.2180,
58.5300

■ 126.7210, 95.2180,
58.5300

■ 109.9940,
107.8710, 66.0070

■ 143.4480, 82.5650,
51.0530

■ 92.7940, 120.4780,
74.3180

■ 160.6480, 69.9580,
42.7420

■ 84.7240, 126.6670,
77.7950

■ 177.3750, 57.3050,
35.2650

■ 194.6890, 44.3770,
27.2650

■ 211.4160, 31.7240,
19.7880

■ 228.0290, 19.3920,
12.0000

■ 245.3430, 6.4640,
4.0000

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



135.7710, 57.3910, 66.7590



126.7210, 95.2180, 58.5300



130.3270, 100.8180, 23.1060

Triad

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



126.7210, 95.2180, 58.5300



116.6960, -4.4820, -61.9700



122.4030, -125.5800, -3.8520

Complementary

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



126.7210, 95.2180, 58.5300



190.2790, -95.2180, -58.5300

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.



123.3370, -117.1870, -18.2990



126.7210, 95.2180, 58.5300



107.8160, -74.8610, -58.5170

Square

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



126.7210, 95.2180, 58.5300



129.0790, 49.2040, -43.7240



117.4430, -97.8350, -38.6270



111.8370, -120.6300, 5.5620

Rectangle

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



126.7210, 95.2180, 58.5300



130.5500, 97.4310, -9.1370



117.4430, -97.8350, -38.6270



124.5230, -126.0380, -6.5660

Sweetspot

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



126.7210, 95.2180, 58.5300



215.6930, 29.3860, 18.1060



123.9430, 16.7650, 87.1730



104.0180, 17.9250, 11.0530



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.



126.7210, 95.2180, 58.5300



101.7500, 114.6100, 70.5300



140.6540, 104.2110, 22.1870



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Inverse Universe

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



126.7210, 95.2180, 58.5300



101.7500, 114.6100, 70.5300



176.3460, -104.2110, -22.1870



119.3430, 6.4640, 4.0000



63.7210, 95.2180, 58.5300



21.3020, 32.0450, 19.4770

Previews

White Background



This preview shows how the YIQ color 126.7210, 95.2180, 58.5300 looks on a white background.

Color Contrast Check

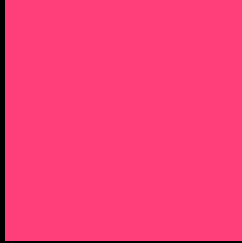
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7210, 95.2180, 58.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

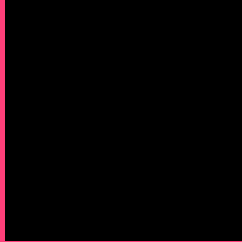
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.7210, 95.2180, 58.5300

Background



This preview shows how black text looks on a background with the YIQ color 126.7210, 95.2180, 58.5300.



This preview shows how white text looks on a background with the YIQ color 126.7210, 95.2180,

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

126.7210, 95.2180, 58.5300

Protanopia

140.6110, -8.8500, 6.2060

Deuteranopia

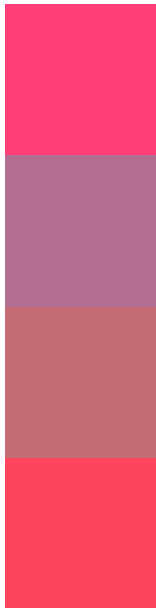
140.1630, 24.3460, -0.6940



Tritanopia

126.9770, 105.4000, 39.1920

Trichromacy



Original Color

126.7210, 95.2180, 58.5300

Protanomaly

135.3220, 29.2930, 25.3010

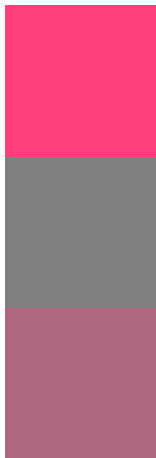
Deuteranomaly

135.1100, 50.2010, 20.8330

Tritanomaly

126.7520, 101.9600, 46.4720

Monochromacy



Original Color

126.7210, 95.2180, 58.5300

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0250, 34.3830, 21.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7210, 95.2180, 58.5300 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(254, 63, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 63, 121)  
}
```

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(254, 63, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 63, 121) }
```

Border

The CSS property to change the border of an element to YIQ 126.7210, 95.2180, 58.5300 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(254, 63, 121) }
```


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

```
.border{ border-color:rgb(254, 63, 121) }
```

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

Here you see how a box with a 4 pixel rgb(254, 63, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 63, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 63, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 63,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7210, 95.2180, 58.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 63, 121) }
```

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

```
.background{ background-color: rgb(254, 63,  
121) }
```

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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