

Converting Colors

YIQ(125.5210, 98.6570, 56.7770)

Have a look what the booklet for
YIQ(125.5210, 98.6570, 56.7770)
contains.

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Color

**YIQ(125.5210, 98.6570,
56.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3E71
RGB	255, 62, 113
RGB Percent	100%, 24%, 44%
CMY	0.0000, 0.7571, 0.5565
CMYK	0.00, 0.76, 0.56, 0.00
HSL	344°, 100%, 62%
HSV	344°, 76%, 100%
XYZ	45.9439, 25.8907, 18.2252
YIQ	125.5210, 98.6570, 56.7770

Conversions

Conversions Part 2

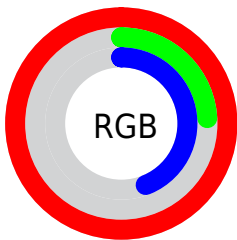
Format	Color
R_{YB}	255, 62, 113
Decimal	16727665
CIE _{Lab}	57.93, 73.73, 17.25
CIE _{LCh}	58, 75.717, 13.168
Yxy	25.8907, 0.5101, 0.2875
Android (android.graphics.Color)	4294917745 (0xFFFF3E71)
YUV	125.5210, -6.1729, 113.5531
Hunter-Lab	50.8829, 72.1286, 14.3816

Details

The YIQ color **125.5210, 98.6570, 56.7770** 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 **191.4790, -98.6570, -56.7770**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3160, 64.9610, 39.6890**, and **64.6330, 92.6500, 61.0180** is the 20% darker color. If you saturate the color by 10%, you get **108.0930, 111.9060, 64.4660**, and if you desaturate by 10%, it is **142.3620, 85.6830, 49.6110**.

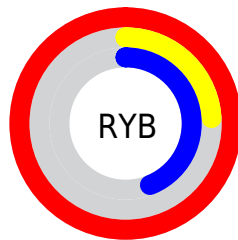
Distribution



Red (100%)

Green (24%)

Blue (44%)



Red (100%)

Yellow (24%)

Blue (44%)

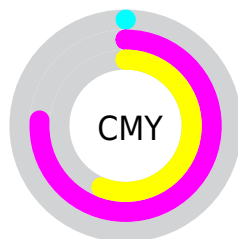


Cyan (0%)

Magenta (76%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.5210, 98.6570, 56.7770 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 125.5210, 98.6570, 56.7770 by changing the saturation by 10% instead.


 125.5210, 98.6570,
56.7770


 125.5210, 98.6570,
56.7770


255.0000, -0.0000,
-0.0000


 85.6280, 100.2140,
67.1100


 168.4300, 64.6400,
40.0000


 64.6330, 92.6500,
61.0180


 189.1180, 47.7230,
32.7070


 52.8560, 81.2360,
47.6040


 209.8060, 30.8060,
25.4140

 41.4210, 68.8590,
35.1230

 230.1350, 13.5220,
19.2660

 29.5300, 57.7660,
21.3980

 249.1300, 2.7500,
5.2300

 20.9730, 40.1610,
15.5610

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 125.5210, 98.6570,
56.7770

■ 125.5210, 98.6570,
56.7770

■ 108.0930,
111.9060, 64.4660

■ 142.3620, 85.6830,
49.6110

■ 91.3660, 124.5590,
71.9430

■ 159.7900, 72.4340,
41.9220

■ 83.9970, 130.1520,
75.2080

■ 176.5170, 59.7810,
34.4450

■ 193.9450, 46.5320,
26.7560

■ 210.7860, 33.5580,
19.5900

■ 228.2140, 20.3090,
11.9010

■ 244.9410, 7.6560,
4.4240

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



132.9460, 64.2680, 68.7800



125.5210, 98.6570, 56.7770



129.9910, 101.6440, 19.1480

Triad

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



125.5210, 98.6570, 56.7770



114.1230, -15.9900, -62.6620



121.2290, -125.0300, -2.8060

Complementary

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



125.5210, 98.6570, 56.7770



191.4790, -98.6570, -56.7770

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.



123.5480, -119.1590, -15.5990



125.5210, 98.6570, 56.7770



108.6140, -77.1080, -56.3400

Square

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



125.5210, 98.6570, 56.7770



127.2740, 44.1610, -45.9430



118.3550, -100.4030, -36.1390



110.0760, -119.8050, 7.1310

Rectangle

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



125.5210, 98.6570, 56.7770



129.7300, 96.7440, -13.2080



118.3550, -100.4030, -36.1390



123.5770, -126.1300, -4.8980

Sweetspot

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



125.5210, 98.6570, 56.7770



215.4650, 30.0280, 17.4840



126.4600, 22.6790, 90.1270



103.7900, 18.5670, 10.4310



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.



125.5210, 98.6570, 56.7770



99.3220, 118.6910, 68.1550



146.1220, 102.6530, 17.3810



119.2290, 6.7850, 3.6890



62.9230, 97.4650, 56.3530



21.0740, 32.6870, 18.8550

Inverse Universe

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



125.5210, 98.6570, 56.7770



99.3220, 118.6910, 68.1550



170.8780, -102.6530, -17.3810



119.2290, 6.7850, 3.6890



62.9230, 97.4650, 56.3530



21.0740, 32.6870, 18.8550

Previews

White Background



This preview shows how the YIQ color 125.5210, 98.6570, 56.7770 looks on a white background.

Color Contrast Check

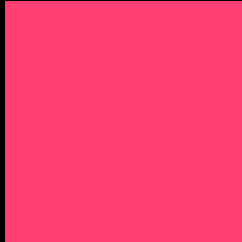
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.5210, 98.6570, 56.7770 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 125.5210, 98.6570, 56.7770

Background



This preview shows how black text looks on a background with the YIQ color 125.5210, 98.6570, 56.7770.



This preview shows how white text looks on a background with the YIQ color 125.5210, 98.6570,

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

125.5210, 98.6570, 56.7770

Protanopia

140.3680, -3.8520, 3.7320

Deuteranopia

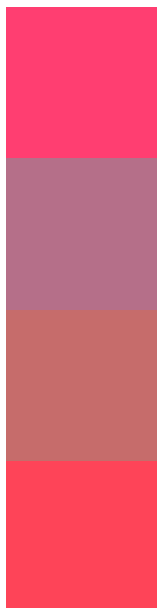
139.8490, 28.1060, -2.7580



Tritanopia

125.7600, 107.5090, 39.5170

Trichromacy



Original Color

125.5210, 98.6570, 56.7770

Protanomaly

134.8940, 33.3740, 22.9260

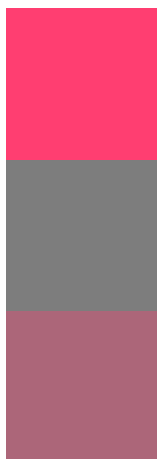
Deuteranomaly

134.7960, 53.9610, 18.7690

Tritanomaly

125.8940, 104.4360, 45.6520

Monochromacy



Original Color

125.5210, 98.6570, 56.7770

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0960, 35.6210, 20.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.5210, 98.6570, 56.7770 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(255, 62, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 113)  
}
```

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(255, 62, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 113) }
```

Border

The CSS property to change the border of an element to YIQ 125.5210, 98.6570, 56.7770 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(255, 62, 113) }
```


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

```
.border{ border-color:rgb(255, 62, 113) }
```

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

Here you see how a box with a 4 pixel rgb(255, 62, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 125.5210, 98.6570, 56.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 113) }
```

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

```
.background{ background-color: rgb(255, 62,  
113) }
```

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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