

Converting Colors

YIQ(97.5100, 115.5260, 75.9580)

Have a look what the booklet for
YIQ(97.5100, 115.5260, 75.9580)
contains.

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Color

**YIQ(97.5100, 115.5260,
75.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1163
RGB	255, 17, 99
RGB Percent	100%, 7%, 39%
CMY	0.0000, 0.9335, 0.6114
CMYK	0.00, 0.93, 0.61, 0.00
HSL	339°, 100%, 53%
HSV	339°, 93%, 100%
XYZ	43.6959, 22.5606, 13.8812
YIQ	97.5100, 115.5260, 75.9580

Conversions

Conversions Part 2

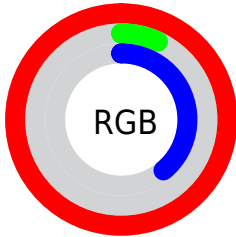
Format	Color
R_{YB}	255, 17, 99
Decimal	16716131
CIE _{Lab}	54.62, 81.51, 21.09
CIE _{LCh}	55, 84.199, 14.509
Yxy	22.5606, 0.5453, 0.2815
Android (android.graphics.Color)	4294906211 (0xFFFF1163)
YUV	97.5100, 0.7346, 138.1187
Hunter-Lab	47.4980, 81.0899, 15.9211

Details

The YIQ color **97.5100, 115.5260, 75.9580** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **174.4900, -115.5260, -75.9580**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1050, 76.1010, 47.0530**, and **62.8520, 96.2270, 56.7630** is the 20% darker color. If you saturate the color by 10%, you get **86.2770, 123.7320, 81.4280**, and if you desaturate by 10%, it is **114.1230, 103.1940, 68.1700**.

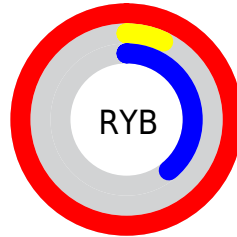
Distribution



Red (100%)

Green (7%)

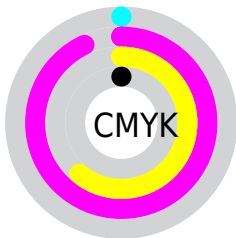
Blue (39%)



Red (100%)

Yellow (7%)

Blue (39%)

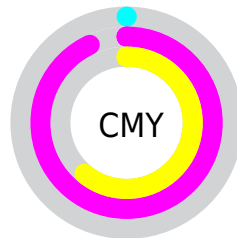


Cyan (0%)

Magenta (93%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (93%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.5100, 115.5260, 75.9580 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 97.5100, 115.5260, 75.9580 by changing the saturation by 10% instead.


 97.5100, 115.5260,
75.9580


 97.5100, 115.5260,
75.9580


255.0000, -0.0000,
-0.0000


 75.0420, 107.9160,
70.7000


 153.1050, 76.1010,
47.0530


 62.8520, 96.2270,
56.7630


 174.9670, 58.6340,
38.7140

 51.0040, 83.5750,
43.7590


 195.6550, 41.7170,
31.4210

 38.9280, 71.5650,
30.1330

 217.0440, 24.2040,
23.9160

 28.7470, 55.6570,
21.0730

 237.3900, 8.2500,
15.6900

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 97.5100, 115.5260,
75.9580

■ 97.5100, 115.5260,
75.9580

■ 86.2770, 123.7320,
81.4280

■ 114.1230,
103.1940, 68.1700

■ 131.3230, 90.5870,
59.8590

■ 147.8220, 78.5760,
51.7600

■ 165.0220, 65.9690,
43.4490

■ 181.6350, 53.6370,
35.6610

■ 198.7210, 41.3510,
27.0390

■ 215.3340, 29.0190,
19.2510

■ 232.5340, 16.4120,
10.9400

■ 249.0330, 4.4010,
2.8410

Harmonies

Analogous

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



112.2010, 77.3320, 85.3320



97.5100, 115.5260, 75.9580



116.5530, 111.6850, 18.8930

Triad

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



97.5100, 115.5260, 75.9580



90.4200, -39.4160, -78.6480



117.1200, -123.1050, 0.8550

Complementary

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



97.5100, 115.5260, 75.9580



174.4900, -115.5260, -75.9580

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.



119.7810, -118.1970, -11.0050



97.5100, 115.5260, 75.9580



103.4790, -72.2940, -55.4780

Square

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



97.5100, 115.5260, 75.9580



118.6800, 37.1460, -45.4620



113.3170, -97.2400, -32.8880



104.2060, -117.0550, 12.3610

Rectangle

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



97.5100, 115.5260, 75.9580



121.4680, 94.7260, -9.6740



113.3170, -97.2400, -32.8880



119.4680, -124.2050, -1.2370

Sweetspot

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



97.5100, 115.5260, 75.9580



207.9650, 34.6120, 22.5160



90.4770, 15.9820, 106.8780



98.8660, 21.4090, 13.9930



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.



97.5100, 115.5260, 75.9580



86.2770, 123.7320, 81.4280



109.2940, 131.9480, 31.6280



119.3430, 6.4640, 4.0000



64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Inverse Universe

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



97.5100, 115.5260, 75.9580



86.2770, 123.7320, 81.4280



162.7060, -131.9480, -31.6280



119.3430, 6.4640, 4.0000



64.6330, 92.6500, 61.0180



21.6440, 31.0820, 20.4100

Previews

White Background



This preview shows how the YIQ color 97.5100, 115.5260, 75.9580 looks on a white background.

Color Contrast Check

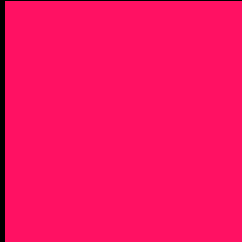
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5100, 115.5260, 75.9580 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 97.5100, 115.5260, 75.9580

Background



This preview shows how black text looks on a background with the YIQ color 97.5100, 115.5260, 75.9580.



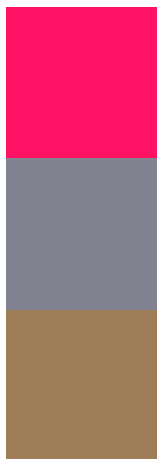
This preview shows how white text looks on a background with the YIQ color 97.5100, 115.5260,

75.9580.

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

97.5100, 115.5260, 75.9580

Protanopia

132.1830, -4.7690, 3.8310

Deuteranopia

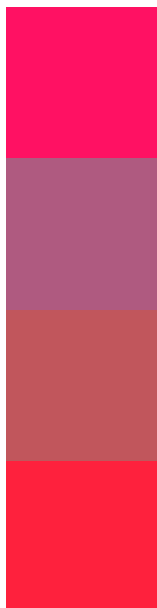
130.9370, 30.6740, -5.2460



Tritanopia

104.8610, 126.3980, 44.1100

Trichromacy



Original Color

97.5100, 115.5260, 75.9580

Protanomaly

119.7470, 38.4620, 29.8380

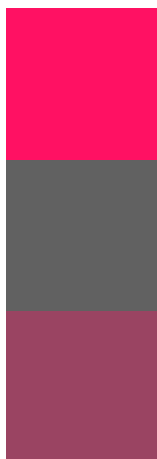
Deuteranomaly

118.6770, 61.8460, 24.5500

Tritanomaly

102.2710, 122.7280, 55.5600

Monochromacy



Original Color

97.5100, 115.5260, 75.9580

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1340, 41.6260, 27.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5100, 115.5260, 75.9580 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, 17, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 17, 99)  
}
```

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, 17, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 17, 99) }
```

Border

The CSS property to change the border of an element to YIQ 97.5100, 115.5260, 75.9580 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, 17, 99) }
```


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

```
.border{ border-color:rgb(255, 17, 99) }
```

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

Here you see how a box with a 4 pixel rgb(255, 17, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 17, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 17, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 17,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5100, 115.5260, 75.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 17, 99) }
```

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

```
.background{ background-color: rgb(255, 17,  
99) }
```

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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