

Converting Colors

YIQ(103.6150, 94.2020, 98.9860)

Have a look what the booklet for
YIQ(103.6150, 94.2020, 98.9860)
contains.

YIQ(103.6150, 94.2020, 98.9860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(103.6150, 94.2020,
98.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0EA8
RGB	255, 14, 168
RGB Percent	100%, 5%, 66%
CMY	0.0000, 0.9453, 0.3409
CMYK	0.00, 0.95, 0.34, 0.00
HSL	322°, 100%, 53%
HSV	322°, 95%, 100%
XYZ	48.4696, 24.4009, 39.2327
YIQ	103.6150, 94.2020, 98.9860

Conversions

Conversions Part 2

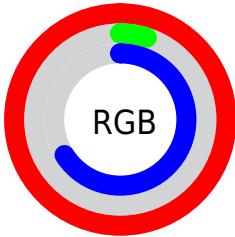
Format	Color
R _Y B	255, 14, 168
Decimal	16715432
CIE _{Lab}	56.49, 87.02, -17.34
CIE _{LCh}	56, 88.733, 348.731
Y _{xy}	24.4009, 0.4324, 0.2177
Android (android.graphics.Color)	4294905512 (0xFFFF0EA8)
YUV	103.6150, 31.7418, 132.7646
Hunter-Lab	49.3973, 88.7024, -12.5117

Details

The YIQ color **103.6150, 94.2020, 98.9860** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **165.3850, -94.2020, -98.9860**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7150, 51.7970, 69.0210**, and **70.6320, 77.1960, 76.7800** is the 20% darker color. If you saturate the color by 10%, you get **94.8270, 99.6570, 104.7530**, and if you desaturate by 10%, it is **119.3160, 84.4380, 88.7100**.

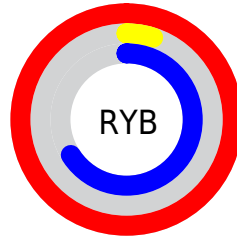
Distribution



Red (100%)

Green (5%)

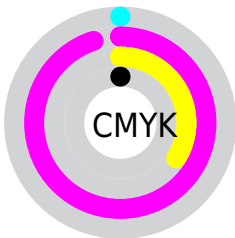
Blue (66%)



Red (100%)

Yellow (5%)

Blue (66%)

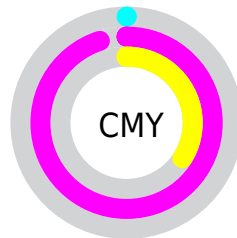


Cyan (0%)

Magenta (95%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (95%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.6150, 94.2020, 98.9860 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 103.6150, 94.2020, 98.9860 by changing the saturation by 10% instead.


 103.6150, 94.2020,
98.9860


 103.6150, 94.2020,
98.9860


255.0000, -0.0000,
-0.0000


 83.1640, 87.9220,
91.6500


 162.7150, 51.7970,
69.0210


 70.6320, 77.1960,
76.7800


 184.8050, 33.6880,
61.3040


 58.8120, 67.3410,
62.6450


 203.3440, 24.2000,
46.0240

 46.9210, 56.2480,
48.9200

 221.5410, 15.6750,
29.8110

 35.3290, 45.7510,
35.4070

 239.1510, 7.4250,
14.1210

 24.3780, 34.8870,
23.0390

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 103.6150, 94.2020,
98.9860

■ 103.6150, 94.2020,
98.9860

■ 94.8270, 99.6570,
104.7530

■ 119.3160, 84.4380,
88.7100

■ 135.6040, 74.3990,
77.9110

■ 151.4190, 64.3140,
67.9460

■ 167.7070, 54.2750,
57.1470

■ 183.4080, 44.5110,
46.8710

199.6960, 34.4720,
36.0720

215.3970, 24.7080,
25.7960

231.7990, 14.3480,
15.3080

247.5000, 4.5840,
5.0320

Harmonies

Analogous

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



135.4460, 16.1260, 71.2140



103.6150, 94.2020, 98.9860



93.7770, 119.1480, 76.3960

Triad

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



103.6150, 94.2020, 98.9860



121.2830, 30.7740, -51.1300



125.5830, -126.2670, -7.9230

Complementary

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



103.6150, 94.2020, 98.9860



165.3850, -94.2020, -98.9860

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.



119.4780, -104.9430, -30.9510



103.6150, 94.2020, 98.9860



93.9200, -44.0000, -83.6800

Square

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



103.6150, 94.2020, 98.9860



127.8260, 78.4980, -23.9500



109.1840, -78.7130, -54.7850



119.4680, -124.2050, -1.2370

Rectangle

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



103.6150, 94.2020, 98.9860



117.0030, 119.7060, 33.2260



109.1840, -78.7130, -54.7850



124.3630, -120.0760, -15.5000

Sweetspot

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



103.6150, 94.2020, 98.9860



210.3590, 27.8710, 29.0470



66.5900, -27.2970, 92.7590



100.3480, 17.2360, 18.0360



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.



103.6150, 94.2020, 98.9860



94.8270, 99.6570, 104.7530



90.1630, 132.0800, 62.2880



119.7990, 5.1800, 5.2440



71.0170, 74.6740, 78.4340



23.8100, 24.9830, 26.3190

Inverse Universe

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



103.6150, 94.2020, 98.9860



94.8270, 99.6570, 104.7530



178.8370, -132.0800, -62.2880



119.7990, 5.1800, 5.2440



71.0170, 74.6740, 78.4340



23.8100, 24.9830, 26.3190

Previews

White Background



This preview shows how the YIQ color 103.6150, 94.2020, 98.9860 looks on a white background.

Color Contrast Check

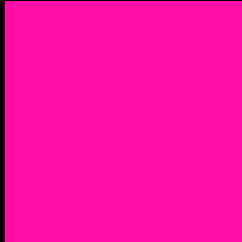
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6150, 94.2020, 98.9860 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 103.6150, 94.2020, 98.9860

Background



This preview shows how black text looks on a background with the YIQ color 103.6150, 94.2020, 98.9860.



This preview shows how white text looks on a background with the YIQ color 103.6150, 94.2020,

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

103.6150, 94.2020, 98.9860

Protanopia

131.6290, -60.8460, 23.4260

Deuteranopia

137.8290, -3.5320, 8.9480



Tritanopia

121.7600, 107.5090, 39.5170

Trichromacy



Original Color

103.6150, 94.2020, 98.9860



Protanomaly

121.6630, -4.3190, 50.7610



Deuteranomaly

125.6020, 32.0410, 41.5850



Tritanomaly

115.3090, 102.3700, 61.0740

Monochromacy



Original Color

103.6150, 94.2020, 98.9860



Achromatopsia

104.0000, -0.0000, -0.0000



Achromatomaly

103.6960, 34.4720, 36.0720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6150, 94.2020, 98.9860 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, 14, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 14, 168)  
}
```

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, 14, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 14, 168) }
```

Border

The CSS property to change the border of an element to YIQ 103.6150, 94.2020, 98.9860 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, 14, 168) }
```


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

```
.border{ border-color:rgb(255, 14, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 14, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 14, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 14, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 14,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 103.6150, 94.2020, 98.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 14, 168) }
```

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

```
.background{ background-color: rgb(255, 14,  
168) }
```

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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