

Converting Colors

YIQ(104.6510, 3.9820, 37.9820)

Have a look what the booklet for
YIQ(104.6510, 3.9820, 37.9820)
contains.

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Color

**YIQ(104.6510, 3.9820,
37.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	844FA5
RGB	132, 79, 165
RGB Percent	52%, 31%, 65%
CMY	0.4822, 0.6903, 0.3530
CMYK	0.20, 0.52, 0.00, 0.35
HSL	277°, 35%, 48%
HSV	277°, 52%, 65%
XYZ	19.1076, 13.2142, 37.1346
YIQ	104.6510, 3.9820, 37.9820

Conversions

Conversions Part 2

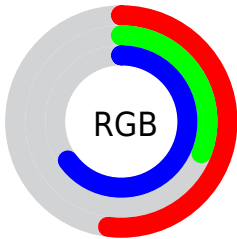
Format	Color
R_{YB}	132, 79, 165
Decimal	8671141
CIE _{Lab}	43.08, 38.23, -37.87
CIE _{LCh}	43, 53.809, 315.276
Yxy	13.2142, 0.2751, 0.1903
Android (android.graphics.Color)	4286861221 (0xFF844FA5)
YUV	104.6510, 29.7521, 23.9851
Hunter-Lab	36.3513, 30.2117, -35.1218

Details

The YIQ color $104.6510, 3.9820, 37.9820$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $139.3490, -3.9820, -37.9820$, and the grayscale version is $104.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $157.3030, 5.0820, 40.0740$, and $54.4120, 3.1570, 36.4130$ is the 20% darker color. If you saturate the color by 10%, you get $92.8780, 5.0810, 45.6010$, and if you desaturate by 10%, it is $115.8370, 3.1580, 30.8860$.

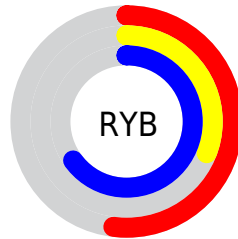
Distribution



Red (52%)

Green (31%)

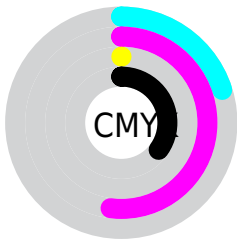
Blue (65%)



Red (52%)

Yellow (31%)

Blue (65%)

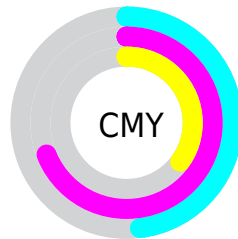


Cyan (20%)

Magenta (52%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (69%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.6510, 3.9820, 37.9820 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 104.6510, 3.9820, 37.9820 by changing the saturation by 10% instead.

104.6510, 3.9820,
37.9820

104.6510, 3.9820,
37.9820

255.0000, -0.0000,
-0.0000

79.7110, 3.7530,
36.6250

157.3030, 5.0820,
40.0740

54.4120, 3.1570,
36.4130

184.2430, 5.3110,
41.4310

28.5260, 2.8360,
36.7240

210.0340, 12.9690,
34.8010

16.5650, -2.0680,
26.4760

229.7590, 11.8250,
22.4890

4.6740, -13.1610,
12.7510

246.1950, 4.1250,
7.8450

2.7530, -6.3740,
5.3860

0.0000, 0.0000,

0.0000

104.6510, 3.9820,
37.9820

104.6510, 3.9820,
37.9820

92.8780, 5.0810,
45.6010

115.8370, 3.1580,
30.8860

81.3930, 5.3090,
52.4850

127.9090, 2.6550,
23.4790

69.6200, 6.4080,
60.1040

139.0950, 1.8310,
16.3830

58.4340, 7.2320,
67.2000

150.8680, 0.7320,
8.7640

49.3080, 7.8270,
72.9390

162.3530, 0.5040,
1.8800

174.1260, -0.5950,
-5.7390

■ 185.3120, -1.4190,
-12.8350

■ 197.3840, -1.9220,
-20.2420

■ 208.5700, -2.7460,
-27.3380

Harmonies

Analogous

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



93.5980, -59.5610, 16.6550



104.6510, 3.9820, 37.9820



99.8270, 44.6490, 44.3690

Triad

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



104.6510, 3.9820, 37.9820



96.1630, 58.7360, -18.2240



85.7500, -73.3540, -25.2420

Complementary

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



104.6510, 3.9820, 37.9820



139.3490, -3.9820, -37.9820

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.



79.9190, -58.3130, -39.0250



104.6510, 3.9820, 37.9820



93.0080, 30.7710, -34.5490

Square

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



104.6510, 3.9820, 37.9820



97.2410, 68.4050, 10.3010



85.9070, -14.4810, -40.4410



89.1360, -85.6440, -11.7560

Rectangle

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



104.6510, 3.9820, 37.9820



96.4620, 61.6140, 39.7740



85.9070, -14.4810, -40.4410



84.0400, -68.5390, -29.9070

Sweetspot

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



104.6510, 3.9820, 37.9820



190.1550, 1.6020, 15.0260



108.1750, -36.6810, 9.4870



92.8680, 0.7320, 8.7640



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.6510, 3.9820, 37.9820



119.5060, 6.7290, 59.7930



113.3780, 26.8600, 41.8680



75.5210, 0.0910, 3.8590



43.4400, 7.0950, 64.1750



5.3410, 0.7780, 7.9300

Inverse Universe

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



108.4760, 40.6630, 28.4950



125.2930, 63.7680, 44.7920



130.6220, -26.8600, -41.8680



76.1470, 4.0800, 3.1520



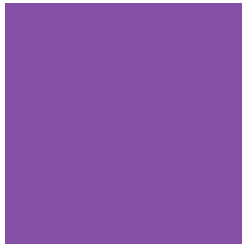
49.7390, 68.4440, 48.1560



6.1800, 8.4810, 5.9930

Previews

White Background



This preview shows how the YIQ color 104.6510, 3.9820, 37.9820 looks on a white 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

Black Background



This preview shows how the YIQ color 104.6510, 3.9820, 37.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

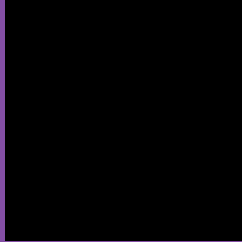
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.6510, 3.9820, 37.9820

Background



This preview shows how black text looks on a background with the YIQ color 104.6510, 3.9820, 37.9820.



This preview shows how white text looks on a background with the YIQ color 104.6510, 3.9820, 37.9820.

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

104.6510, 3.9820, 37.9820

Protanopia

97.3280, -49.9330, 18.3790

Deuteranopia

99.0440, -37.6900, 11.2540



Tritanopia

103.8710, 13.8450, 7.9010

Trichromacy



Original Color

104.6510, 3.9820, 37.9820

Protanomaly

100.1950, -30.2650, 25.3750

Deuteranomaly

101.4530, -22.4240, 20.9360

Tritanomaly

104.1670, 10.4960, 19.0400

Monochromacy



Original Color

104.6510, 3.9820, 37.9820

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.2150, 1.3730, 13.6690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.6510, 3.9820, 37.9820 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(132, 79, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 79, 165)  
}
```

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(132, 79, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 79, 165) }
```

Border

The CSS property to change the border of an element to YIQ 104.6510, 3.9820, 37.9820 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(132, 79, 165) }
```


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

```
.border{ border-color:rgb(132, 79, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 79, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 79, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 79, 165); box-shadow:4px 4px 4px 4px rgb(132, 79, 165) }
```

Background

The CSS property to change the background color of an element to YIQ 104.6510, 3.9820, 37.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 79, 165) }
```

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

```
.background{ background-color: rgb(132, 79,  
165) }
```

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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