

Converting Colors

YIQ(125.3960, 37.8990,
100.6430)

Have a look what the booklet for
YIQ(125.3960, 37.8990, 100.6430)
contains.

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Color

**YIQ(125.3960, 37.8990,
100.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	E032FF
RGB	224, 50, 255
RGB Percent	88%, 20%, 100%
CMY	0.1210, 0.8042, 0.0000
CMYK	0.12, 0.80, 0.00, 0.00
HSL	291°, 100%, 60%
HSV	291°, 80%, 100%
XYZ	49.9705, 25.3642, 96.8680
YIQ	125.3960, 37.8990, 100.6430

Conversions

Conversions Part 2

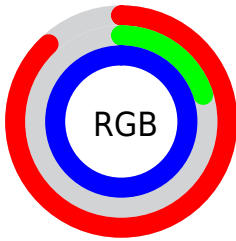
Format	Color
R _Y B	224, 50, 255
Decimal	14693119
CIE _{Lab}	57.43, 87.05, -65.75
CIE _{LCh}	57, 109.089, 322.933
Y _{xy}	25.3642, 0.2902, 0.1473
Android (android.graphics.Color)	4292883199 (0xFFE032FF)
YUV	125.3960, 63.8948, 86.4757
Hunter-Lab	50.3629, 88.9739, -78.7843

Details

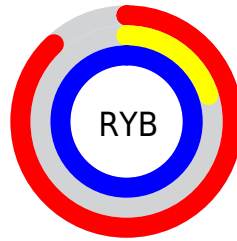
The YIQ color $125.3960, 37.8990, 100.6430$ is a light color, and the websafe version is hex $CC33FF$. The color can be described as light washed magenta. A complement of this color would be $179.6040, -37.8990, -100.6430$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.5810, 37.6750, 71.6510$, and $71.4940, 34.5070, 96.0350$ is the 20% darker color. If you saturate the color by 10%, you get $108.9380, 42.6650, 113.3930$, and if you desaturate by 10%, it is $141.2670, 33.4080, 88.4160$.

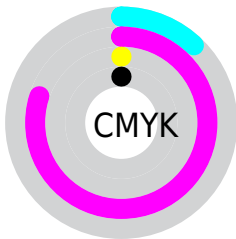
Distribution



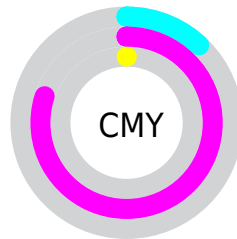
- Red (88%)
- Green (20%)
- Blue (100%)



- Red (88%)
- Yellow (20%)
- Blue (100%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3960, 37.8990, 100.6430 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 125.3960, 37.8990, 100.6430 by changing the saturation by 10% instead.

125.3960, 37.8990,
100.6430

125.3960, 37.8990,
100.6430

255.0000, -0.0000,
-0.0000

83.7700, 43.0780,
111.4140

174.5810, 37.6750,
71.6510

71.4940, 34.5070,
96.0350

192.1910, 29.4250,
55.9610

59.3320, 25.6150,
80.9670

209.8010, 21.1750,
40.2710

47.5830, 16.9980,
66.4220

227.4110, 12.9250,
24.5810

35.6490, 7.4640,
51.9760

245.6080, 4.4000,
8.3680

24.0140, -1.4740,
37.7420

8.3070, -19.0770,

20.8510

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 125.3960, 37.8990,
100.6430

■ 125.3960, 37.8990,
100.6430

■ 108.9380, 42.6650,
113.3930

■ 141.2670, 33.4080,
88.4160

■ 93.9530, 47.4770,
125.3090

■ 157.7250, 28.6420,
75.6660

■ 173.5960, 24.1510,
63.4390

■ 189.7550, 18.7890,
50.4770

■ 205.6260, 14.2980,
38.2500

■ 222.0840, 9.5320,
25.5000

■ 237.9550, 5.0410,
13.2730

254.4130, 0.2750,
0.5230

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.



101.8580, -115.9550, 14.4530



125.3960, 37.8990, 100.6430



95.0550, 99.0150, 105.3750

Triad

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



125.3960, 37.8990, 100.6430



130.4620, 76.5270, -26.7770



126.7790, -115.8560, -25.9040

Complementary

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



125.3960, 37.8990, 100.6430



179.6040, -37.8990, -100.6430

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.



114.3190, -83.5270, -55.6470



125.3960, 37.8990, 100.6430



119.1020, 14.8660, -60.1900

Square

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



125.3960, 37.8990, 100.6430



117.9110, 130.9880, 15.9800



98.0290, -45.9250, -87.3410



130.0340, -129.1550, -10.6510

Rectangle

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



125.3960, 37.8990, 100.6430



87.8730, 119.2380, 85.7820



98.0290, -45.9250, -87.3410



123.0170, -105.2630, -36.1670

Sweetspot

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



125.3960, 37.8990, 100.6430



216.5020, 11.4110, 29.9950



93.3280, -75.1550, 45.9730



104.4870, 6.5990, 18.0790



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.



125.3960, 37.8990, 100.6430



98.9480, 45.8730, 121.3370



126.9130, 78.2030, 86.0670



119.7710, 2.3830, 6.3750



70.2120, 35.2410, 93.7450



23.4420, 11.6400, 31.3520

Inverse Universe

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



114.8290, 112.2290, 53.1010



86.0710, 135.3350, 63.8710



178.0870, -78.2030, -86.0670



119.1150, 7.1060, 3.3780



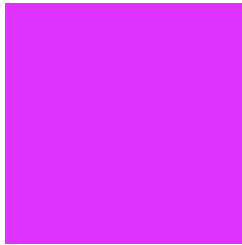
60.4150, 104.5270, 49.5110



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 125.3960, 37.8990, 100.6430 looks on a white background.

Color Contrast Check

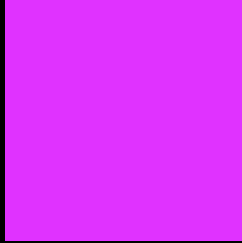
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3960, 37.8990, 100.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

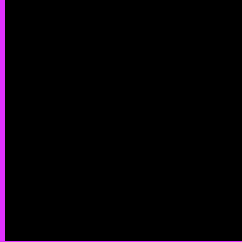
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.3960, 37.8990, 100.6430

Background



This preview shows how black text looks on a background with the YIQ color 125.3960, 37.8990, 100.6430.



This preview shows how white text looks on a background with the YIQ color 125.3960, 37.8990,

100.6430.

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

125.3960, 37.8990, 100.6430

Protanopia

129.5550, -75.1970, 24.6990

Deuteranopia

125.2020, -84.8690, 12.7550



Tritanopia

138.2140, 55.8400, 23.2640

Trichromacy



Original Color

125.3960, 37.8990, 100.6430



Protanomaly

127.8030, -33.8920, 52.5720



Deuteranomaly

125.2380, -39.8510, 44.9250



Tritanomaly

133.7940, 49.4160, 51.5920

Monochromacy



Original Color

125.3960, 37.8990, 100.6430



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

125.2730, 13.7940, 36.3700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3960, 37.8990, 100.6430 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(224, 50, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 50, 255)  
}
```

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(224, 50, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 50, 255) }
```

Border

The CSS property to change the border of an element to YIQ 125.3960, 37.8990, 100.6430 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(224, 50, 255) }
```


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

```
.border{ border-color:rgb(224, 50, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 50, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 50, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 50, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 50,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3960, 37.8990, 100.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 50, 255) }
```

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

```
.background{ background-color: rgb(224, 50,  
255) }
```

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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