

Converting Colors

YIQ(97.0440, 27.6270, 110.5950)

Have a look what the booklet for
YIQ(97.0440, 27.6270, 110.5950)
contains.

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Color

**YIQ(97.0440, 27.6270,
110.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	C012FF
RGB	192, 18, 255
RGB Percent	75%, 7%, 100%
CMY	0.2465, 0.9297, 0.0001
CMYK	0.25, 0.93, 0.00, 0.00
HSL	284°, 100%, 54%
HSV	284°, 93%, 100%
XYZ	40.0366, 18.8742, 96.1248
YIQ	97.0440, 27.6270, 110.5950

Conversions

Conversions Part 2

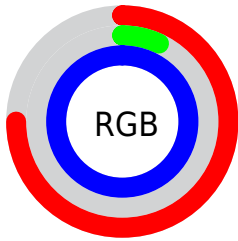
Format	Color
R _Y B	192, 18, 255
Decimal	12587775
CIE Lab	50.54, 88.00, -77.14
CIE LCh	51, 117.022, 318.763
Yxy	18.8742, 0.2582, 0.1217
Android (android.graphics.Color)	4290777855 (0xFFC012FF)
YUV	97.0440, 77.8723, 83.2764
Hunter-Lab	43.4445, 88.4703, -100.7733

Details

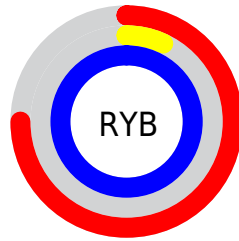
The YIQ color **97.0440, 27.6270, 110.5950** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed magenta. A complement of this color would be **175.9560, -27.6270, -110.5950**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5420, 42.5790, 81.8990**, and **61.6270, 14.8390, 89.0390** is the 20% darker color. If you saturate the color by 10%, you get **84.9830, 29.5970, 118.9490**, and if you desaturate by 10%, it is **113.8120, 24.9240, 99.0040**.

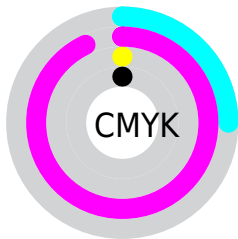
Distribution



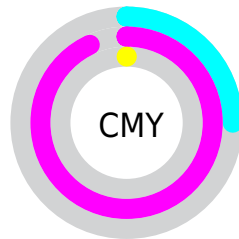
- Red (75%)
- Green (7%)
- Blue (100%)



- Red (75%)
- Yellow (7%)
- Blue (100%)



- Cyan (25%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (93%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 97.0440, 27.6270, 110.5950 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 97.0440, 27.6270, 110.5950 by changing the saturation by 10% instead.


 97.0440, 27.6270,
110.5950


 97.0440, 27.6270,
110.5950

255.0000, -0.0000,
-0.0000


 74.2020, 24.0060,
104.6300


 162.5420, 42.5790,
81.8990


 61.6270, 14.8390,
89.0390


 181.0380, 34.6500,
65.8980

 49.4650, 5.9470,
73.9710


 198.6480, 26.4000,
50.2080

 36.7050, -4.1370,
58.4790

 216.2580, 18.1500,
34.5180

 24.1730, -14.8630,
43.6090

 233.8680, 9.9000,
18.8280

 10.1460, -28.5690,
27.6790

 251.4780, 1.6500,

 9.0570, -21.3690,

3.1380

18.3350

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 97.0440, 27.6270,
110.5950

■ 97.0440, 27.6270,
110.5950

■ 84.9830, 29.5970,
118.9490

■ 113.8120, 24.9240,
99.0040

■ 131.1670, 21.9460,
86.8900

■ 147.6360, 18.6470,
75.0870

■ 164.9910, 15.6690,
62.9730

181.7590, 12.9660,
51.3820

199.1140, 9.9880,
39.2680

215.5830, 6.6890,
27.4650

232.9380, 3.7110,
15.3510

249.7060, 1.0080,
3.7600

Harmonies

Analogous

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



95.9880, -113.2050, 19.6830



97.0440, 27.6270, 110.5950



94.7130, 99.9780, 104.4420

Triad

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



97.0440, 27.6270, 110.5950



113.3840, 77.1670, -16.3450



112.4340, -101.6430, -24.6750

Complementary

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



97.0440, 27.6270, 110.5950



175.9560, -27.6270, -110.5950

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.



99.2900, -67.3880, -56.2840



97.0440, 27.6270, 110.5950



104.0730, 13.8100, -52.0620

Square

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



97.0440, 27.6270, 110.5950



72.6570, 144.8280, 51.5160



86.8760, -40.7000, -77.4040



120.6420, -124.7550, -2.2830

Rectangle

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



97.0440, 27.6270, 110.5950



87.3030, 120.8430, 84.2270



86.8760, -40.7000, -77.4040



108.5580, -90.7290, -35.2490

Sweetspot

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



97.0440, 27.6270, 110.5950



207.6420, 8.2010, 33.1050



81.9990, -93.4020, 40.7580



98.5840, 4.9480, 20.4680



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.



97.0440, 27.6270, 110.5950



84.9830, 29.5970, 118.9490



109.6110, 82.8300, 106.8460



119.1730, 1.1910, 5.9510



63.9330, 22.7250, 89.2930



21.3490, 7.4680, 29.8680

Inverse Universe

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



96.0450, 121.0290, 69.8370



83.9970, 130.1520, 75.2080



163.3890, -82.8300, -106.8460



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 97.0440, 27.6270, 110.5950 looks on a white background.

Color Contrast Check

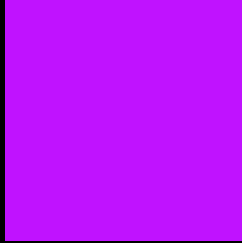
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0440, 27.6270, 110.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

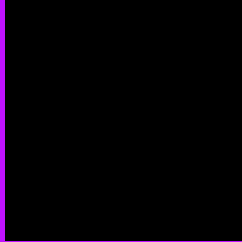
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 97.0440, 27.6270, 110.5950

Background



This preview shows how black text looks on a background with the YIQ color 97.0440, 27.6270, 110.5950.



This preview shows how white text looks on a background with the YIQ color 97.0440, 27.6270,

110.5950.

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

97.0440, 27.6270, 110.5950

Protanopia

96.7230, -111.1410, 15.3150

Deuteranopia

97.1840, -102.7940, 1.7020



Tritanopia

122.1300, 38.2810, 16.5930

Trichromacy



Original Color

97.0440, 27.6270, 110.5950



Protanomaly

96.8630, -60.4840, 49.9160



Deuteranomaly

96.9310, -55.1640, 41.6040



Tritanomaly

112.9540, 34.2860, 50.4620

Monochromacy



Original Color

97.0440, 27.6270, 110.5950



Achromatopsia

97.0000, -0.0000, 0.0000



Achromatomaly

96.9400, 10.5380, 40.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.0440, 27.6270, 110.5950 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(192, 18, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 18, 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(192, 18, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 18, 255) }
```

Border

The CSS property to change the border of an element to YIQ 97.0440, 27.6270, 110.5950 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(192, 18, 255) }
```


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

```
.border{ border-color:rgb(192, 18, 255) }
```

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

Here you see how a box with a 4 pixel rgb(192, 18, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 18, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 18, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 18,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 97.0440, 27.6270, 110.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 18, 255) }
```

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

```
.background{ background-color: rgb(192, 18,  
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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