

Converting Colors

YIQ(97.5530, 54.3550, 121.8030)

Have a look what the booklet for
YIQ(97.5530, 54.3550, 121.8030)
contains.

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Color

**YIQ(97.5530, 54.3550,
121.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	E104F5
RGB	225, 4, 245
RGB Percent	88%, 2%, 96%
CMY	0.1170, 0.9846, 0.0392
CMYK	0.08, 0.98, 0.00, 0.04
HSL	295°, 97%, 49%
HSV	295°, 98%, 96%
XYZ	47.6301, 22.7131, 88.2658
YIQ	97.5530, 54.3550, 121.8030

Conversions

Conversions Part 2

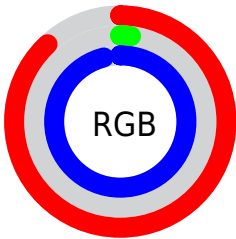
Format	Color
R _{YB}	225, 4, 245
Decimal	14746869
CIE Lab	54.78, 92.08, -64.46
CIE LCh	55, 112.398, 325.007
Yxy	22.7131, 0.3003, 0.1432
Android (android.graphics.Color)	4292936949 (0xFFE104F5)
YUV	97.5530, 72.6914, 111.7710
Hunter-Lab	47.6583, 94.9923, -76.4476

Details

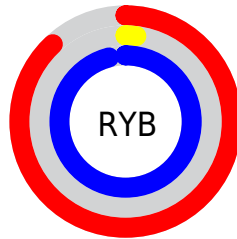
The YIQ color **97.5530, 54.3550, 121.8030** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **151.4470, -54.3550, -121.8030**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0150, 42.6250, 81.0650**, and **70.4680, 37.3960, 93.2360** is the 20% darker color. If you saturate the color by 10%, you get **95.2050, 55.4550, 123.8950**, and if you desaturate by 10%, it is **112.2390, 48.9470, 109.6750**.

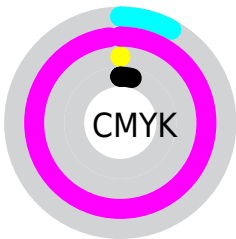
Distribution



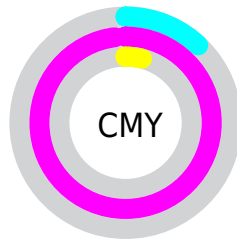
- Red (88%)
- Green (2%)
- Blue (96%)



- Red (88%)
- Yellow (2%)
- Blue (96%)



- Cyan (8%)
- Magenta (98%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (98%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.5530, 54.3550, 121.8030 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 97.5530, 54.3550, 121.8030 by changing the saturation by 10% instead.

97.5530, 54.3550,
121.8030

97.5530, 54.3550,
121.8030

255.0000, -0.0000,
-0.0000

82.9290, 46.8840,
108.5160

164.0150, 42.6250,
81.0650

70.4680, 37.3960,
93.2360

182.7990, 33.8250,
64.3290

58.6050, 29.1000,
78.3800

200.9960, 25.3000,
48.1160

46.5570, 19.8870,
63.6230

219.1930, 16.7750,
31.9030

34.6230, 10.3530,
49.1770

236.8030, 8.5250,
16.2130

22.8030, 0.4980,
35.0420

7.9930, -15.3170,

18.7870

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 97.5530, 54.3550,
121.8030

■ 97.5530, 54.3550,
121.8030

■ 95.2050, 55.4550,
123.8950

■ 112.2390, 48.9470,
109.6750

■ 127.5120, 43.2640,
97.0240

■ 142.1980, 37.8560,
84.8960

■ 157.4710, 32.1730,
72.2450

■ 172.1570, 26.7650,
60.1170

■ 187.4300, 21.0820,
47.4660

■ 202.1160, 15.6740,
35.3380

■ 217.3890, 9.9910,
22.6870

■ 232.0750, 4.5830,
10.5590

Harmonies

Analogous

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



95.4010, -112.9300, 20.2060



97.5530, 54.3550, 121.8030



93.5730, 103.1880, 101.3320

Triad

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



97.5530, 54.3550, 121.8030



123.3410, 69.5580, -27.1300



122.7840, -114.2520, -21.9320

Complementary

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



97.5530, 54.3550, 121.8030



151.4470, -54.3550, -121.8030

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.



110.0960, -81.2810, -52.2970



97.5530, 54.3550, 121.8030



110.1870, 4.3210, -61.8150

Square

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



97.5530, 54.3550, 121.8030



111.3990, 126.6780, 16.9980



94.5070, -44.2750, -84.2030



126.5120, -127.5050, -7.5130

Rectangle

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



97.5530, 54.3550, 121.8030



86.3910, 123.4110, 81.7390



94.5070, -44.2750, -84.2030



119.0220, -103.6590, -32.1950

Sweetspot

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



97.5530, 54.3550, 121.8030



208.5940, 17.3240, 38.4760



43.2140, -82.8610, 64.4910



99.8020, 10.2660, 23.2100



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.



97.5530, 54.3550, 121.8030



99.0360, 57.6090, 128.9130



92.1330, 98.3750, 94.9430



114.6570, 2.7040, 6.0640



72.3330, 42.2100, 94.0980



22.8720, 13.2450, 29.7970

Inverse Universe

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



78.3390, 137.2160, 57.3120



78.6390, 145.2390, 60.5910



156.8670, -98.3750, -94.9430



113.7020, 6.8310, 2.8550



57.3240, 106.0410, 44.0970



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 97.5530, 54.3550, 121.8030 looks on a white background.

Color Contrast Check

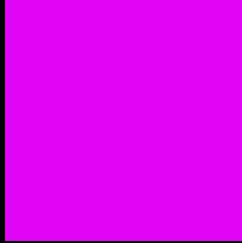
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.5530, 54.3550, 121.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

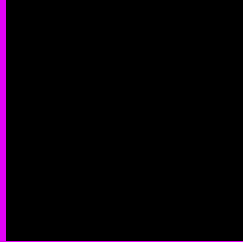
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 97.5530, 54.3550, 121.8030

Background



This preview shows how black text looks on a background with the YIQ color 97.5530, 54.3550, 121.8030.



This preview shows how white text looks on a background with the YIQ color 97.5530, 54.3550,

121.8030.

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

97.5530, 54.3550, 121.8030

Protanopia

120.3520, -84.8710, 23.8090

Deuteranopia

120.1270, -80.2840, 12.2600



Tritanopia

130.2860, 64.5050, 25.9210

Trichromacy



Original Color

97.5530, 54.3550, 121.8030

Protanomaly

112.0190, -34.2600, 59.2440

Deuteranomaly

111.9450, -31.4160, 51.7520

Tritanomaly

118.6370, 60.4640, 60.6240

Monochromacy



Original Color

97.5530, 54.3550, 121.8030

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.8380, 19.7530, 44.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.5530, 54.3550, 121.8030 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(225, 4, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 4, 245)  
}
```

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(225, 4, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 4, 245) }
```

Border

The CSS property to change the border of an element to YIQ 97.5530, 54.3550, 121.8030 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(225, 4, 245) }
```


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

```
.border{ border-color:rgb(225, 4, 245) }
```

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

Here you see how a box with a 4 pixel rgb(225, 4, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 4, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 4, 245);  
box-shadow:4px 4px 4px 4px rgb(225, 4,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 97.5530, 54.3550, 121.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 4, 245) }
```

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

```
.background{ background-color: rgb(225, 4,  
245) }
```

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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