

Converting Colors

YIQ(107.4520, 70.9970,
128.5730)

Have a look what the booklet for
YIQ(107.4520, 70.9970, 128.5730)
contains.

YIQ(107.4520, 70.9970, 128.5730)	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(107.4520, 70.9970,
128.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	FF05F8
RGB	255, 5, 248
RGB Percent	100%, 2%, 97%
CMY	0.0000, 0.9806, 0.0274
CMYK	0.00, 0.98, 0.03, 0.00
HSL	302°, 100%, 51%
HSV	302°, 98%, 100%
XYZ	58.2401, 28.1451, 91.1893
YIQ	107.4520, 70.9970, 128.5730

Conversions

Conversions Part 2

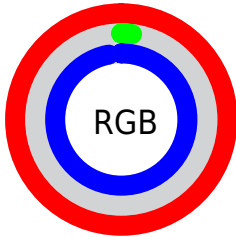
Format	Color
R_{YB}	255, 5, 248
Decimal	16713208
CIE _{Lab}	60.02, 97.01, -57.45
CIE _{LCh}	60, 112.748, 329.365
Yxy	28.1451, 0.3280, 0.1585
Android (android.graphics.Color)	4294903288 (0xFFFF05F8)
YUV	107.4520, 69.2902, 129.3996
Hunter-Lab	53.0519, 103.1155, -64.7754

Details

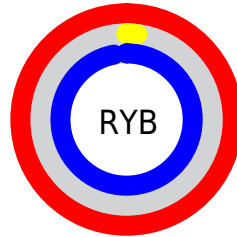
The YIQ color **107.4520, 70.9970, 128.5730** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **152.5480, -70.9970, -128.5730**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 40.9750, 77.9270**, and **79.4810, 53.7170, 100.3170** is the 20% darker color. If you saturate the color by 10%, you get **104.5170, 72.3720, 131.1880**, and if you desaturate by 10%, it is **122.2410, 63.8010, 115.8090**.

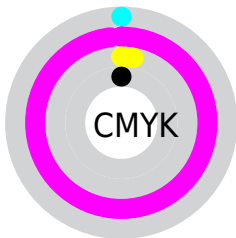
Distribution



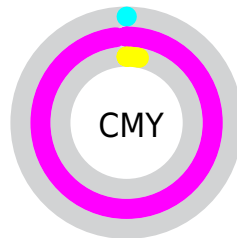
- Red (100%)
- Green (2%)
- Blue (97%)



- Red (100%)
- Yellow (2%)
- Blue (97%)



- Cyan (0%)
- Magenta (98%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (98%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.4520, 70.9970, 128.5730 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 107.4520, 70.9970, 128.5730 by changing the saturation by 10% instead.


 107.4520, 70.9970,
128.5730


 107.4520, 70.9970,
128.5730


255.0000, -0.0000,
-0.0000


 91.9420, 63.2050,
115.5970


 167.5370, 40.9750,
77.9270


 79.4810, 53.7170,
100.3170


 186.9080, 31.9000,
60.6680

 67.3190, 44.8250,
85.2490


 205.6920, 23.1000,
43.9320

 55.2710, 35.6120,
70.4920

 223.8890, 14.5750,
27.7190

 43.3370, 26.0780,
56.0460

 242.0860, 6.0500,
11.5060

 32.1150, 17.4150,
42.3350

 19.6970, 6.3680,

27.7760

■ 4.2180, -11.8770,
11.5070

■ 2.1830, -4.7690,
3.8310

■ 107.4520, 70.9970,
128.5730

■ 107.4520, 70.9970,
128.5730

■ 104.5170, 72.3720,
131.1880

■ 122.2410, 63.8010,
115.8090

■ 137.5030, 56.6510,
102.2110

■ 152.2920, 49.4550,
89.4470

■ 167.6680, 41.9840,
76.1600

182.4570, 34.7880,
63.3960

197.7190, 27.6380,
49.7980

212.5080, 20.4420,
37.0340

227.8840, 12.9710,
23.7470

242.5590, 6.0960,
10.6720

Harmonies

Analogous

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



128.8340, -53.5130, 39.2150



107.4520, 70.9970, 128.5730



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.



107.4520, 70.9970, 128.5730



135.9890, 67.3130, -36.0070



134.8950, -127.6860, -20.7580

Complementary

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



107.4520, 70.9970, 128.5730



152.5480, -70.9970, -128.5730

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.



122.7940, -94.9900, -51.6460



107.4520, 70.9970, 128.5730



118.6710, -3.3340, -71.7660

Square

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



107.4520, 70.9970, 128.5730



129.3520, 124.8920, 5.3080



105.7230, -53.8110, -87.5950



134.1430, -131.0800, -14.3120

Rectangle

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



107.4520, 70.9970, 128.5730



86.1630, 124.0530, 81.1170



105.7230, -53.8110, -87.5950



131.2470, -117.4140, -30.7100

Sweetspot

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



107.4520, 70.9970, 128.5730



211.3340, 20.9920, 38.0800



34.6960, -77.8660, 78.5980



101.3570, 13.0170, 22.9130



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.



107.4520, 70.9970, 128.5730



104.5170, 72.3720, 131.1880



93.5440, 110.1590, 90.6310



120.2550, 3.8960, 6.4880



78.3130, 54.1300, 98.3380



26.2040, 18.2420, 32.8500

Inverse Universe

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



107.4520, 70.9970, 128.5730



104.5170, 72.3720, 131.1880



166.4560, -110.1590, -90.6310



120.2550, 3.8960, 6.4880



78.3130, 54.1300, 98.3380



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 107.4520, 70.9970, 128.5730 looks on a white background.

Color Contrast Check

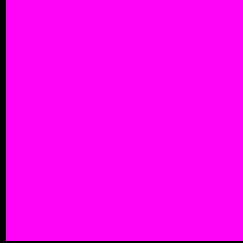
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4520, 70.9970, 128.5730 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 107.4520, 70.9970, 128.5730

Background



This preview shows how black text looks on a background with the YIQ color 107.4520, 70.9970, 128.5730.



This preview shows how white text looks on a background with the YIQ color 107.4520, 70.9970,

128.5730.

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

107.4520, 70.9970, 128.5730

Protanopia

139.6330, -66.6690, 24.3310

Deuteranopia

140.3700, -58.9190, 16.0330



Tritanopia

140.5550, 82.9810, 32.4930

Trichromacy



Original Color

107.4520, 70.9970, 128.5730

Protanomaly

127.8810, -16.1960, 62.2680

Deuteranomaly

128.6440, -11.3350, 56.7690

Tritanomaly

128.6070, 78.3440, 66.9840

Monochromacy



Original Color

107.4520, 70.9970, 128.5730

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.2410, 25.9880, 46.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.4520, 70.9970, 128.5730 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, 5, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 5, 248)  
}
```

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, 5, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 5, 248) }
```

Border

The CSS property to change the border of an element to YIQ 107.4520, 70.9970, 128.5730 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, 5, 248) }
```


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

```
.border{ border-color:rgb(255, 5, 248) }
```

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

Here you see how a box with a 4 pixel rgb(255, 5, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 5, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 5, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 5,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 107.4520, 70.9970, 128.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 5, 248) }
```

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

```
.background{ background-color: rgb(255, 5,  
248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor