

Converting Colors

YIQ(197.1320, 27.9130, 50.3210)

Have a look what the booklet for
YIQ(197.1320, 27.9130, 50.3210)
contains.

YIQ(197.1320, 27.9130, 50.3210)	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(197.1320, 27.9130,
50.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DFC
RGB	255, 157, 252
RGB Percent	100%, 62%, 99%
CMY	0.0000, 0.3845, 0.0117
CMYK	0.00, 0.38, 0.01, 0.00
HSL	302°, 100%, 81%
HSV	302°, 38%, 100%
XYZ	70.8622, 52.3890, 98.4806
YIQ	197.1320, 27.9130, 50.3210

Conversions

Conversions Part 2

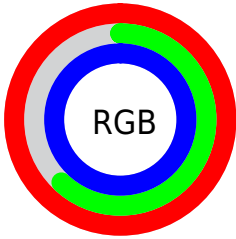
Format	Color
R _Y B	255, 157, 252
Decimal	16752124
CIE Lab	77.51, 50.31, -32.19
CIE LCh	78, 59.723, 327.388
Yxy	52.3890, 0.3196, 0.2363
Android (android.graphics.Color)	4294942204 (0xFFFF9DFC)
YUV	197.1320, 27.0499, 50.7502
Hunter-Lab	72.3802, 48.0910, -30.0039

Details

The YIQ color **197.1320, 27.9130, 50.3210** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **214.8680, -27.9130, -50.3210**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3460, 11.5500, 21.9660**, and **141.5940, 26.4920, 48.5400** is the 20% darker color. If you saturate the color by 10%, you get **181.7560, 35.3840, 63.6080**, and if you desaturate by 10%, it is **211.9210, 20.7170, 37.5570**.

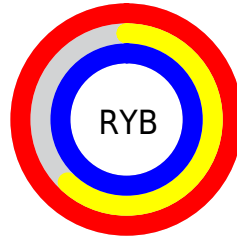
Distribution



Red (100%)

Green (62%)

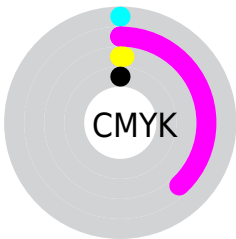
Blue (99%)



Red (100%)

Yellow (62%)

Blue (99%)

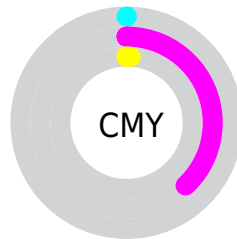


Cyan (0%)

Magenta (38%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.1320, 27.9130, 50.3210 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 197.1320, 27.9130, 50.3210 by changing the saturation by 10% instead.


 197.1320, 27.9130,
50.3210

 197.1320, 27.9130,
50.3210


255.0000, -0.0000,
-0.0000


 169.3060, 27.3630,
49.2750


 230.3460, 11.5500,
21.9660


 141.5940, 26.4920,
48.5400

 247.3690, 3.5750,
6.7990

 113.9960, 25.3000,
48.1160

 87.5830, 25.0250,
47.5930

 58.9360, 25.5290,
49.4730

 36.2730, 22.9620,
46.4340

 25.7630, 15.1700,

33.4580

■ 16.6770, 9.1200,
21.9520

■ 3.0950, -7.3370,
6.3190

■ 197.1320, 27.9130,
50.3210

■ 197.1320, 27.9130,
50.3210

■ 181.7560, 35.3840,
63.6080

■ 211.9210, 20.7170,
37.5570

■ 166.9670, 42.5800,
76.3720

■ 227.2970, 13.2460,
24.2700

■ 151.7050, 49.7300,
89.9700

■ 241.9720, 6.3710,
11.1950

■ 136.9160, 56.9260,
102.7340

255.0000, -0.0000,
-0.0000

■ 121.5400, 64.3970,
116.0210

■ 106.7510, 71.5930,
128.7850

■ 104.4030, 72.6930,
130.8770

Harmonies

Analogous

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



189.7570, -20.2240, 25.1200



197.1320, 27.9130, 50.3210



183.4590, 48.5010, 40.6370

Triad

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



197.1320, 27.9130, 50.3210



186.3060, 59.4710, -26.0410



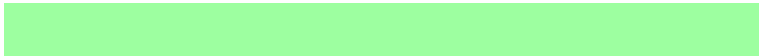
155.4400, -137.3110, -39.0630

Complementary

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



197.1320, 27.9130, 50.3210



214.8680, -27.9130, -50.3210

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.



149.6430, -119.6100, -57.0020



197.1320, 27.9130, 50.3210



180.6210, 18.4390, -42.3370

Square

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



197.1320, 27.9130, 50.3210



184.9730, 74.5510, -1.9690



170.5230, -40.0630, -50.3910



153.5140, -140.1550, -31.5710

Rectangle

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



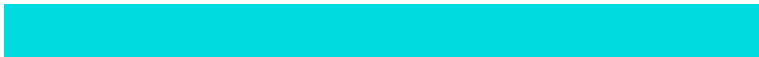
197.1320, 27.9130, 50.3210



179.7140, 60.4240, 28.2960



170.5230, -40.0630, -50.3910



153.9750, -131.8080, -45.1840

Sweetspot

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



197.1320, 27.9130, 50.3210



236.6890, 8.8460, 15.9020



168.7700, -30.2660, 30.9020



117.3200, 5.2710, 9.1030



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.



197.1320, 27.9130, 50.3210



185.8650, 33.4590, 59.9470



191.6600, 43.3210, 35.3930



120.2550, 3.8960, 6.4880



78.1990, 54.4510, 98.0270



26.2040, 18.2420, 32.8500

Inverse Universe

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



197.1320, 27.9130, 50.3210



185.8650, 33.4590, 59.9470



220.3400, -43.3210, -35.3930



120.2550, 3.8960, 6.4880



78.1990, 54.4510, 98.0270



26.2040, 18.2420, 32.8500

Previews

White Background



This preview shows how the YIQ color 197.1320, 27.9130, 50.3210 looks on a white background.

Color Contrast Check

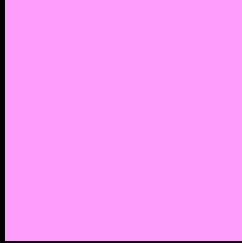
Large Text (above 18pt) WCAG AA × Fail

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 197.1320, 27.9130, 50.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

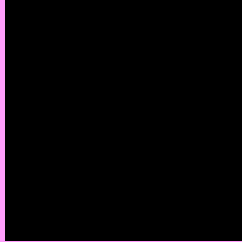
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.1320, 27.9130, 50.3210

Background



This preview shows how black text looks on a background with the YIQ color 197.1320, 27.9130, 50.3210.



This preview shows how white text looks on a background with the YIQ color 197.1320, 27.9130,

50.3210.

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

197.1320, 27.9130, 50.3210

Protanopia

192.3270, -30.9970, 16.6110

Deuteranopia

192.8180, -22.1940, 16.7660



Tritanopia

194.9070, 40.5270, 19.9430

Trichromacy



Original Color

197.1320, 27.9130, 50.3210



Protanomaly

194.1390, -9.4960, 28.9360



Deuteranomaly

194.6620, -3.7190, 28.8650



Tritanomaly

195.7190, 35.6650, 30.9690

Monochromacy



Original Color

197.1320, 27.9130, 50.3210



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.7540, 10.2210, 18.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1320, 27.9130, 50.3210 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, 157, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 252)  
}
```

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, 157, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 252) }
```

Border

The CSS property to change the border of an element to YIQ 197.1320, 27.9130, 50.3210 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, 157, 252) }
```


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

```
.border{ border-color:rgb(255, 157, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 157, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1320, 27.9130, 50.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 252) }
```

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

```
.background{ background-color: rgb(255,  
157, 252) }
```

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