

Converting Colors

XYZ(67.9837, 53.4940,
100.5082)

Have a look what the booklet for
XYZ(67.9837, 53.4940, 100.5082)
contains.

XYZ(67.9837, 53.4940, 100.5082)	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

**XYZ(67.9837, 53.4940,
100.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A7FE
RGB	241, 167, 254
RGB Percent	95%, 65%, 100%
CMY	0.0549, 0.3451, 0.0039
CMYK	0.05, 0.34, 0.00, 0.00
HSL	291°, 98%, 83%
HSV	291°, 34%, 100%
XYZ	67.9837, 53.4940, 100.5082
YIQ	199.0440, 16.1770, 42.7450

Conversions

Conversions Part 2

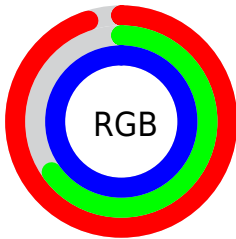
Format	Color
R _Y B	241, 167, 254
Decimal	15837182
CIE Lab	78.17, 41.27, -32.38
CIE LCh	78, 52.456, 321.882
Yxy	53.4940, 0.3063, 0.2410
Android (android.graphics.Color)	4294027262 (0xFFFF1A7FE)
YUV	199.0440, 27.0933, 36.7954
Hunter-Lab	73.1396, 37.9226, -30.2784

Details

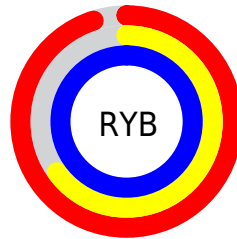
The XYZ color **67.9837, 53.4940, 100.5082** is a light color, and the websafe version is hex **FF99FF**, and the color name is **rich brilliant lavender**. A complement of this color would be **61.2412, 83.3783, 49.4277**, and the grayscale version is **54.1472, 56.9671, 62.0371**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **35.8625, 26.2562, 56.0011** is the 20% darker color. If you saturate the color by 10%, you get **62.4979, 44.4246, 99.0476**, and if you desaturate by 10%, it is **74.4138, 64.4094, 102.2770**.

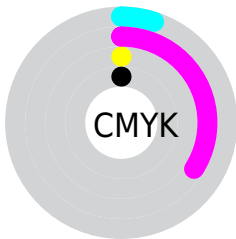
Distribution



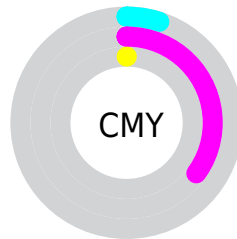
- Red (95%)
- Green (65%)
- Blue (100%)



- Red (95%)
- Yellow (65%)
- Blue (100%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.9837, 53.4940, 100.5082 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 XYZ color 67.9837, 53.4940, 100.5082 by changing the saturation by 10% instead.


 67.9837, 53.4940,
100.5082


 67.9837, 53.4940,
100.5082


442.8159,
400.1775, 583.0814

 50.1581, 38.1973,
76.1058


 115.3709, 95.3309,
163.9134

 35.7573, 26.1358,
56.0121


 145.6631,
122.6398, 203.7532

 24.4161, 16.9253,
39.8085


180.8417,
154.7217, 249.5759

 15.7690, 10.1812,
27.0766

221.2719,
191.9607, 301.8000

 9.4506, 5.5193,
17.3979

267.3190,
234.7415, 360.8440

 5.0957, 2.5550,
10.3536


319.3485,


 2.3389, 0.9041,

283.4482, 427.1266

5.5254


377.7257,
338.4655, 501.0662


 0.8144, 0.0000,
2.4946


 0.0000, 0.0000,
0.8373


 67.9837, 53.4940,
100.5082


 67.9837, 53.4940,
100.5082


 62.4979, 44.4246,
99.0476


 74.4138, 64.4094,
102.2770

 57.8972, 37.0868,
97.8737

 81.8324, 77.2628,
104.3669

 54.1238, 31.3642,
96.9680

 90.2873, 92.1482,
106.7945

 51.1108, 27.1228,
96.3081

94.8896, 99.9358,
108.0551

■ 48.7802, 24.2072,
95.8682

■ 47.0369, 22.4272,
95.6165

■ 46.2223, 21.7619,
95.5310

Harmonies

Analogous

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



58.5508, 53.4940, 127.9117



67.9837, 53.4940, 100.5082



72.9632, 53.4940, 66.5878

Triad

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



67.9837, 53.4940, 100.5082



53.6794, 53.4940, 18.3261



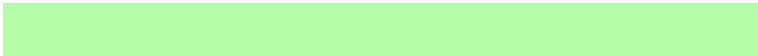
34.6578, 53.4940, 81.9220

Complementary

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



67.9837, 53.4940, 100.5082



61.2412, 83.3783, 49.4277

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.



33.7194, 53.4940, 50.6315



67.9837, 53.4940, 100.5082



43.8458, 53.4940, 19.9941

Square

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



67.9837, 53.4940, 100.5082



64.0096, 53.4940, 24.1630



36.8589, 53.4940, 29.8845



39.6208, 53.4940, 114.9091

Rectangle

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



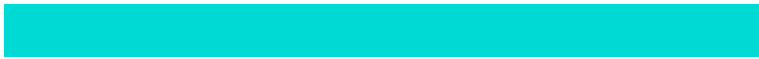
67.9837, 53.4940, 100.5082



72.6775, 53.4940, 47.3780



36.8589, 53.4940, 29.8845



33.8906, 53.4940, 70.6602

Sweetspot

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



67.9855, 53.4963, 100.5094



86.0599, 84.0802, 106.3010



50.1594, 48.0365, 100.3951



18.1684, 17.5540, 22.6806



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.9855, 53.4963, 100.5094



64.7525, 47.5931, 100.3813



68.0870, 54.0680, 77.0508



18.5103, 18.1548, 22.7786



24.4688, 11.5246, 50.3694



2.4517, 1.1578, 4.9075

Inverse Universe

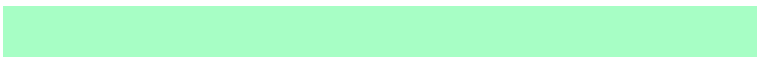
The Inverse Universe completely reimagines the original color for something new.



62.9318, 52.0059, 49.9038



59.1079, 45.9724, 41.8695



61.5098, 83.1524, 65.9045



18.1200, 18.0313, 19.2489



21.7654, 11.1954, 2.1490



2.1503, 1.1025, 0.3730

Previews

White Background



This preview shows how the XYZ color 67.9837, 53.4940, 100.5082 looks on a white background.

Color Contrast Check

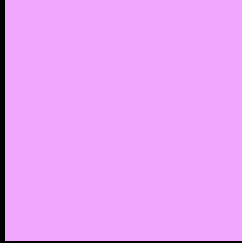
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 67.9837, 53.4940, 100.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

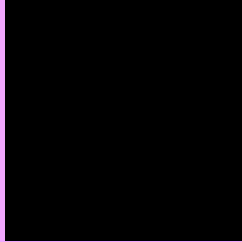
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9837, 53.4940, 100.5082

Background



This preview shows how black text looks on a background with the XYZ color 67.9837, 53.4940, 100.5082.



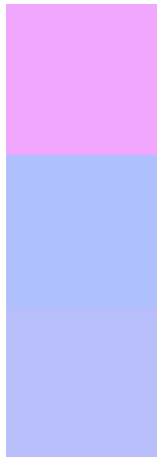
This preview shows how white text looks on a background with the XYZ color 67.9837, 53.4940,

100.5082.

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

67.9837, 53.4940, 100.5082

Protanopia

54.5788, 54.0332, 102.1606

Deuteranopia

55.1972, 53.7963, 97.9170



Tritanopia

59.0244, 53.2463, 57.6187

Trichromacy



Original Color

67.9837, 53.4940, 100.5082



Protanomaly

58.5367, 53.2291, 101.7968



Deuteranomaly

59.0424, 53.2583, 98.4348



Tritanomaly

61.8567, 53.2284, 71.3039

Monochromacy



Original Color

67.9837, 53.4940, 100.5082



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.2881, 54.9513, 74.5524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9837, 53.4940, 100.5082 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(241, 167, 254)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 254)  
}
```

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(241, 167, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 254) }
```

Border

The CSS property to change the border of an element to XYZ 67.9837, 53.4940, 100.5082 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(241, 167, 254) }
```


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

```
.border{ border-color:rgb(241, 167, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9837, 53.4940, 100.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 254) }
```

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

```
.background{ background-color: rgb(241,  
167, 254) }
```

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