

Converting Colors

XYZ(54.5350, 37.1960, 94.7477)

Have a look what the booklet for
XYZ(54.5350, 37.1960, 94.7477)
contains.

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Color

**XYZ(54.5350, 37.1960,
94.7477)**

Conversions

Conversions Part 1

Format	Color
Hex	DD7EFA
RGB	221, 126, 250
RGB Percent	87%, 49%, 98%
CMY	0.1333, 0.5059, 0.0196
CMYK	0.12, 0.50, 0.00, 0.02
HSL	286°, 93%, 74%
HSV	286°, 50%, 98%
XYZ	54.5350, 37.1960, 94.7477
YIQ	168.5410, 16.8160, 58.7040

Conversions

Conversions Part 2

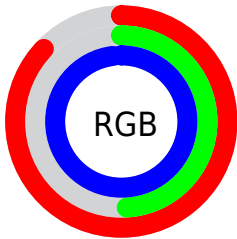
Format	Color
R _Y B	221, 126, 250
Decimal	14515962
CIE Lab	67.42, 55.89, -47.11
CIE LCh	67, 73.097, 319.876
Yxy	37.1960, 0.2924, 0.1995
Android (android.graphics.Color)	4292706042 (0xFFDD7EFA)
YUV	168.5410, 40.1593, 46.0065
Hunter-Lab	60.9885, 52.8820, -49.4170

Details

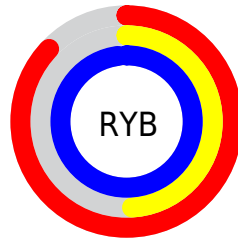
The XYZ color **54.5350, 37.1960, 94.7477** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **51.4701, 76.8470, 31.8604**, and the grayscale version is **37.2894, 39.2314, 42.7230**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **27.0473, 16.2715, 52.1672** is the 20% darker color. If you saturate the color by 10%, you get **49.9796, 30.6811, 93.7309**, and if you desaturate by 10%, it is **59.9537, 45.3432, 96.0353**.

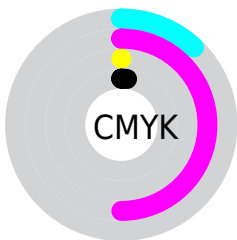
Distribution



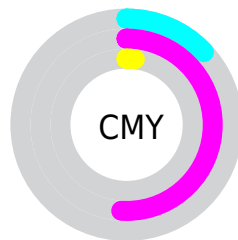
- Red (87%)
- Green (49%)
- Blue (98%)



- Red (87%)
- Yellow (49%)
- Blue (98%)



- Cyan (12%)
- Magenta (50%)
- Yellow (0%)
- Black (2%)





- Cyan (13%)
- Magenta (51%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5350, 37.1960, 94.7477 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 54.5350, 37.1960, 94.7477 by changing the saturation by 10% instead.


 54.5350, 37.1960,
94.7477


 54.5350, 37.1960,
94.7477

394.3120,
334.1583, 564.3206

 39.2619, 25.3593,
71.3293


 96.0116, 70.8741,
155.9086

 27.1452, 16.3449,
52.1275

 122.9459, 93.4843,
194.4881

 17.8194, 9.7686,
36.7237


 154.4979,
120.4545, 238.9584

 10.9193, 5.2458,
24.6996

191.0330,
152.1690, 289.7381

 6.0795, 2.3922,
15.6364

232.9167,
189.0122, 347.2456

 2.9346, 0.8219,
9.1157

280.5141,

 1.1193, 0.0000,

231.3686, 411.8995

4.7189

334.1908,
279.6225, 484.1183

■ 0.0412, 0.0000,
2.0274

■ 0.0000, 0.0000,
0.5721

■ 54.5350, 37.1960,
94.7477

■ 54.5350, 37.1960,
94.7477

■ 49.9796, 30.6811,
93.7309

■ 59.9537, 45.3432,
96.0353

■ 46.2222, 25.6721,
92.9621

■ 66.2867, 55.2271,
97.6093

■ 43.1942, 22.0317,
92.4190

■ 73.5854, 66.9488,
99.4871

■ 40.8125, 19.5948,
92.0742

■ 81.8964, 80.6003,
101.6840

■ 38.9461, 18.1003,
91.8841

■ 91.2630, 96.2671,
104.2144

■ 38.8759, 18.0479,
91.8777

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



43.2020, 37.1960, 130.7427



54.5350, 37.1960, 94.7477



61.1088, 37.1960, 52.3526

Triad

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



54.5350, 37.1960, 94.7477



39.2806, 37.1960, 5.0537



18.7070, 37.1960, 65.3290

Complementary

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



54.5350, 37.1960, 94.7477



51.4701, 76.8470, 31.8604

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.



18.0932, 37.1960, 30.5869



54.5350, 37.1960, 94.7477



28.5185, 37.1960, 5.7629

Square

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



54.5350, 37.1960, 94.7477



51.1478, 37.1960, 9.2564



21.2975, 37.1960, 12.3173



23.2000, 37.1960, 108.4388

Rectangle

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



54.5350, 37.1960, 94.7477



61.1322, 37.1960, 30.8060



21.2975, 37.1960, 12.3173



18.0829, 37.1960, 52.0404

Sweetspot

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



54.5364, 37.1976, 94.7485



80.8237, 76.3196, 105.0790



37.9179, 35.4533, 95.2877



16.9142, 15.7044, 22.3897



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.



54.5364, 37.1976, 94.7485



52.0806, 31.8167, 98.0040



59.6724, 40.3616, 71.6645



17.5730, 17.3080, 21.7999



20.7541, 9.6418, 48.7407



2.0148, 0.9407, 4.5186

Inverse Universe

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



52.8027, 37.6137, 35.4888



50.5630, 32.5914, 27.5877



48.8768, 75.2421, 43.8470



17.4109, 17.2917, 18.7537



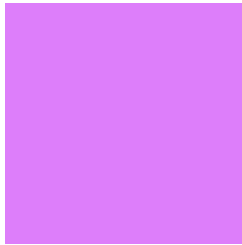
21.3690, 10.9633, 3.3856



2.0182, 1.0310, 0.5193

Previews

White Background



This preview shows how the XYZ color 54.5350, 37.1960, 94.7477 looks on a white background.

Color Contrast Check

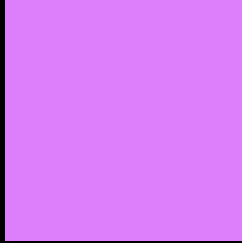
Large Text (above 18pt) WCAG AA × Fail

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 54.5350, 37.1960, 94.7477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

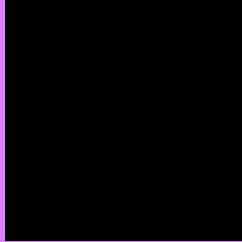
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5350, 37.1960, 94.7477

Background



This preview shows how black text looks on a background with the XYZ color 54.5350, 37.1960, 94.7477.



This preview shows how white text looks on a background with the XYZ color 54.5350, 37.1960,

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

54.5350, 37.1960, 94.7477

Protanopia

40.0236, 37.7278, 99.7805

Deuteranopia

38.4808, 37.4113, 89.9870



Tritanopia

42.8603, 37.0929, 37.7016

Trichromacy



Original Color

54.5350, 37.1960, 94.7477



Protanomaly

43.3774, 36.2681, 97.6427



Deuteranomaly

42.6452, 36.2530, 91.9387

Tritanomaly

46.3331, 36.7081, 54.5125

Monochromacy



Original Color

54.5350, 37.1960, 94.7477



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.3233, 37.5510, 58.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5350, 37.1960, 94.7477 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(221, 126, 250)` looks like.

```
.text, #text, p{  
    color:rgb(221, 126, 250)  
}
```

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(221, 126, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 126, 250) }
```

Border

The CSS property to change the border of an element to XYZ 54.5350, 37.1960, 94.7477 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(221, 126, 250) }
```


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

```
.border{ border-color:rgb(221, 126, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 126, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 126, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 126, 250);  
box-shadow:4px 4px 4px 4px rgb(221, 126,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5350, 37.1960, 94.7477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 126, 250) }
```

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

```
.background{ background-color: rgb(221,  
126, 250) }
```

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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