

Converting Colors

XYZ(54.5738, 37.7075, 79.4162)

Have a look what the booklet for
XYZ(54.5738, 37.7075, 79.4162)
contains.

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Color

**XYZ(54.5054, 37.7149,
79.2699)**

Conversions

Conversions Part 1

Format	Color
Hex	E67FE6
RGB	230, 127, 230
RGB Percent	90%, 50%, 90%
CMY	0.0980, 0.5019, 0.0980
CMYK	0.00, 0.45, 0.00, 0.10
HSL	300°, 67%, 70%
HSV	300°, 45%, 90%
XYZ	54.5054, 37.7149, 79.2699
YIQ	169.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

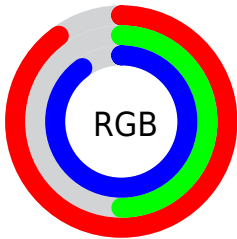
Format	Color
R _Y B	230, 127, 230
Decimal	15106022
CIE Lab	67.81, 54.15, -35.42
CIE LCh	68, 64.709, 326.813
Yxy	37.7149, 0.3178, 0.2199
Android (android.graphics.Color)	4293296102 (0xFFE67FE6)
YUV	169.5390, 29.8073, 53.0243
Hunter-Lab	61.4125, 50.9523, -33.5416

Details

The XYZ color **54.5054, 37.7149, 79.2699** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **40.8816, 62.6393, 30.0166**, and the grayscale version is **37.8273, 39.7972, 43.3392**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **27.0358, 16.5917, 41.8220** is the 20% darker color. If you saturate the color by 10%, you get **51.8674, 32.4381, 78.3908**, and if you desaturate by 10%, it is **57.8239, 44.3509, 80.3765**.

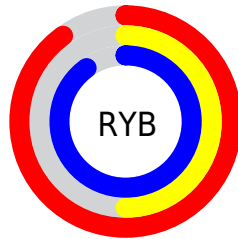
Distribution



Red (90%)

Green (50%)

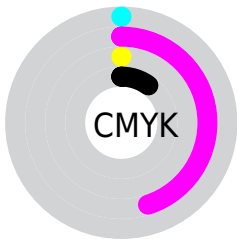
Blue (90%)



Red (90%)

Yellow (50%)

Blue (90%)

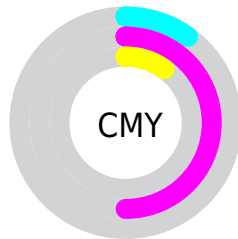


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (10%)



Cyan (10%)


Magenta (50%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5054, 37.7149, 79.2699 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 54.5054, 37.7149, 79.2699 by changing the saturation by 10% instead.


 54.5054, 37.7149,
79.2699

 54.5054, 37.7149,
79.2699

394.2013,
336.3954, 512.1107

 39.2381, 25.7615,
58.5951


 95.9685, 71.6709,
134.1409

 27.1266, 16.6453,
41.8694


 122.8950, 94.4424,
169.1741

 17.8054, 9.9819,
28.6742

 154.4386,
121.5886, 209.8306

 10.9092, 5.3870,
18.5911

190.9648,
153.4940, 256.5289

 6.0727, 2.4761,
11.2014

232.8388,
190.5430, 309.6875

 2.9304, 0.8646,
6.0866

280.4259,

 1.1171, 0.0000,

233.1199, 369.7250

2.8282

334.0917,
281.6093, 437.0599

■ 0.0393, 0.0000,
1.0076

■ 0.0000, 0.0000,
0.0000

■ 54.5054, 37.7149,
79.2699

■ 54.5054, 37.7149,
79.2699

■ 51.8674, 32.4381,
78.3908

■ 57.8239, 44.3509,
80.3765

■ 49.8594, 28.4220,
77.7214


■ 61.8613, 52.4258,
81.7224


■ 48.4299, 25.5630,
77.2448


■ 66.6579, 62.0189,
83.3214


■ 47.5177, 23.7388,
76.9406


■ 72.2498, 73.2026,
85.1854


 47.0480, 22.7995,
76.7840


 78.6707, 86.0444,
87.3258

 46.9165, 22.5364,
76.7401

 82.6767, 94.0565,
88.6613

 82.6767, 94.0565,
88.6614

 82.6768, 94.0565,
88.6615

 82.6768, 94.0565,
88.6616

Harmonies

Analogous

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



45.2570, 37.7149, 112.6019



54.5054, 37.7149, 79.2699



58.7252, 37.7149, 44.2094

Triad

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



54.5054, 37.7149, 79.2699



36.9286, 37.7149, 6.9401



21.2568, 37.7149, 71.3154

Complementary

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



54.5054, 37.7149, 79.2699



40.8816, 62.6393, 30.0166

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.



19.8483, 37.7149, 38.0736



54.5054, 37.7149, 79.2699



27.8409, 37.7149, 8.8849

Square

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



54.5054, 37.7149, 79.2699



47.4587, 37.7149, 10.0369



22.0217, 37.7149, 17.6646



26.3027, 37.7149, 106.6991

Rectangle

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



54.5054, 37.7149, 79.2699



57.6292, 37.7149, 27.0856



22.0217, 37.7149, 17.6646



20.3882, 37.7149, 59.1784

Sweetspot

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



54.5067, 37.7166, 79.2707



85.3714, 80.6429, 105.6736



30.6264, 25.4058, 78.1536



17.9586, 16.6321, 22.5137



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.



54.5067, 37.7166, 79.2707



65.6862, 41.2725, 99.1114



48.3102, 35.2380, 46.6404



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4453



1.9628, 0.9428, 3.2105

Inverse Universe

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



54.5067, 37.7166, 79.2707



65.6862, 41.2725, 99.1114



45.1369, 64.3415, 52.4251



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4453



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 54.5054, 37.7149, 79.2699 looks on a white background.

Color Contrast Check

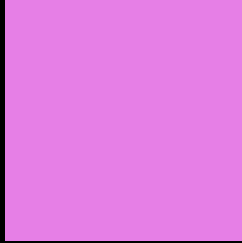
Large Text (above 18pt) WCAG AA × Fail

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 54.5054, 37.7149, 79.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

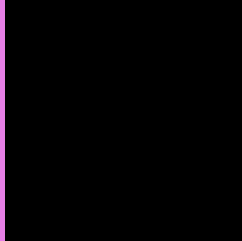
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5054, 37.7149, 79.2699

Background



This preview shows how black text looks on a background with the XYZ color 54.5054, 37.7149, 79.2699.



This preview shows how white text looks on a background with the XYZ color 54.5054, 37.7149,

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

54.5054, 37.7149, 79.2699

Protanopia

40.6629, 38.3199, 99.8611

Deuteranopia

38.8109, 37.9117, 75.0842



Tritanopia

45.7084, 37.6852, 35.8752

Trichromacy



Original Color

54.5054, 37.7149, 79.2699



Protanomaly

43.6893, 36.7913, 91.9875



Deuteranomaly

42.9939, 36.7687, 76.7825



Tritanomaly

48.2724, 37.4017, 48.9310

Monochromacy



Original Color

54.5054, 37.7149, 79.2699



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.8083, 38.1234, 54.9715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5054, 37.7149, 79.2699 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(230, 127, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 127, 230)  
}
```

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(230, 127, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 127, 230) }
```

Border

The CSS property to change the border of an element to XYZ 54.5054, 37.7149, 79.2699 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(230, 127, 230) }
```


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

```
.border{ border-color:rgb(230, 127, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 127, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 127, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 127, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 127,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5054, 37.7149, 79.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 127, 230) }
```

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

```
.background{ background-color: rgb(230,  
127, 230) }
```

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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