

Converting Colors

XYZ(54.7099, 37.1756, 81.4899)

Have a look what the booklet for
XYZ(54.7099, 37.1756, 81.4899)
contains.

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Color

**XYZ(54.5488, 37.1215,
81.3809)**

Conversions

Conversions Part 1

Format	Color
Hex	E67CE9
RGB	230, 124, 233
RGB Percent	90%, 49%, 91%
CMY	0.0980, 0.5137, 0.0863
CMYK	0.01, 0.47, 0.00, 0.09
HSL	298°, 71%, 70%
HSV	298°, 47%, 91%
XYZ	54.5488, 37.1215, 81.3809
YIQ	168.1200, 28.1870, 56.3710

Conversions

Conversions Part 2

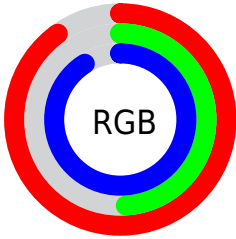
Format	Color
R _Y B	230, 124, 233
Decimal	15105257
CIE Lab	67.37, 56.17, -37.77
CIE LCh	67, 67.684, 326.085
Yxy	37.1215, 0.3152, 0.2145
Android (android.graphics.Color)	4293295337 (0xFFE67CE9)
YUV	168.1200, 31.9858, 54.2688
Hunter-Lab	60.9274, 53.1895, -36.5446

Details

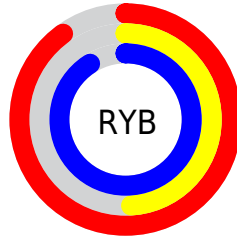
The XYZ color **54.5488, 37.1215, 81.3809** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.5306, 64.2459, 29.2824**, and the grayscale version is **37.1178, 39.0508, 42.5264**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **27.1392, 16.3253, 43.3157** is the 20% darker color. If you saturate the color by 10%, you get **51.7615, 31.8509, 80.5110**, and if you desaturate by 10%, it is **58.0292, 43.7753, 82.4823**.

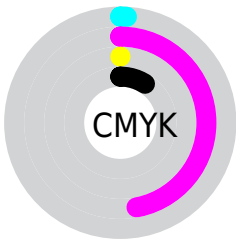
Distribution



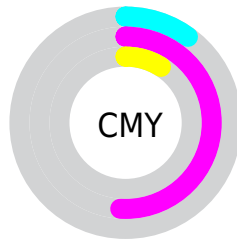
- Red (90%)
- Green (49%)
- Blue (91%)



- Red (90%)
- Yellow (49%)
- Blue (91%)



- Cyan (1%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)





- Cyan (10%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5488, 37.1215, 81.3809 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 54.5488, 37.1215, 81.3809 by changing the saturation by 10% instead.


 54.5488, 37.1215,
81.3809


 54.5488, 37.1215,
81.3809

394.3636,
333.8362, 519.4034


 39.2730, 25.3016,
60.3225


 96.0317, 70.7596,
137.1344

 27.1539, 16.3019,
43.2517


 122.9696, 93.3466,
172.6665

 17.8260, 9.7380,
29.7498

 154.5255,
120.2914, 213.8603

 10.9241, 5.2256,
19.3983

191.0649,
151.9784, 261.1344

 6.0827, 2.3802,
11.7787

232.9530,
188.7920, 314.9072

 2.9366, 0.8157,
6.4725

280.5553,

 1.1203, 0.0000,

231.1165, 375.5972

3.0610

334.2370,
279.3365, 443.6232

■ 0.0420, 0.0000,
1.1259

■ 0.0000, 0.0000,
0.0000

■ 54.5488, 37.1215,
81.3809

■ 54.5488, 37.1215,
81.3809

■ 51.7615, 31.8509,
80.5110

■ 58.0292, 43.7753,
82.4823

■ 49.6141, 27.8598,
79.8538


■ 62.2433, 51.8964,
83.8277


■ 48.0520, 25.0382,
79.3915


■ 67.2332, 61.5680,
85.4315


■ 47.0097, 23.2552,
79.1023


■ 73.0367, 72.8657,
87.3063


 46.4039, 22.3439,
78.9584


 79.6892, 85.8601,
89.4639

 46.2574, 22.1475,
78.9282

 84.3500, 94.8700,
90.9573

 84.5607, 94.9786,
90.9672

 84.7721, 95.0876,
90.9771

 84.9843, 95.1970,
90.9870

Harmonies

Analogous

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



44.7954, 37.1215, 116.4469



54.5488, 37.1215, 81.3809



59.1452, 37.1215, 44.4440

Triad

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



54.5488, 37.1215, 81.3809



36.6616, 37.1215, 6.0248



20.2350, 37.1215, 71.0824

Complementary

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



54.5488, 37.1215, 81.3809



41.5306, 64.2459, 29.2824

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.



18.8960, 37.1215, 36.6446



54.5488, 37.1215, 81.3809



27.2225, 37.1215, 7.7677

Square

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



54.5488, 37.1215, 81.3809



47.6170, 37.1215, 9.1396



21.1892, 37.1215, 16.1978



25.2869, 37.1215, 108.7309

Rectangle

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



54.5488, 37.1215, 81.3809



58.1154, 37.1215, 26.5733



21.1892, 37.1215, 16.1978



19.3842, 37.1215, 58.3925

Sweetspot

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



54.5501, 37.1231, 81.3817



84.3394, 79.1139, 105.4331



30.6931, 25.5129, 80.3981



17.7375, 16.3220, 22.4656



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.



54.5501, 37.1231, 81.3817



63.6755, 39.3749, 98.8518



49.2704, 35.1234, 48.5124



15.6715, 15.2914, 19.0478



26.2656, 12.5763, 44.7861



2.0755, 0.9942, 3.5174

Inverse Universe

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



44.6439, 33.2728, 24.1494



50.2162, 34.1565, 20.5086



45.1771, 65.6537, 50.7818



15.0823, 15.0608, 15.7185



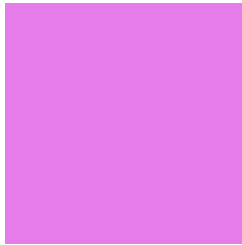
19.0951, 9.8407, 1.0361



1.5054, 0.7751, 0.1126

Previews

White Background



This preview shows how the XYZ color 54.5488, 37.1215, 81.3809 looks on a white background.

Color Contrast Check

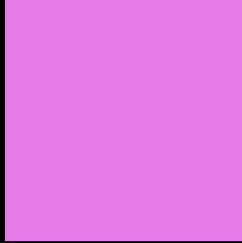
Large Text (above 18pt) WCAG AA × Fail

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 54.5488, 37.1215, 81.3809 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 54.5488, 37.1215, 81.3809

Background



This preview shows how black text looks on a background with the XYZ color 54.5488, 37.1215, 81.3809.



This preview shows how white text looks on a background with the XYZ color 54.5488, 37.1215,

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

54.5488, 37.1215, 81.3809

Protanopia

40.0008, 37.4556, 99.7291

Deuteranopia

38.3249, 37.3514, 77.1411



Tritanopia

45.0874, 37.1605, 34.9333

Trichromacy



Original Color

54.5488, 37.1215, 81.3809



Protanomaly

43.1043, 36.0022, 92.6730



Deuteranomaly

42.6373, 36.0671, 78.8432



Tritanomaly

47.9881, 36.8330, 48.8362

Monochromacy



Original Color

54.5488, 37.1215, 81.3809



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

42.2285, 37.3386, 54.8506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5488, 37.1215, 81.3809 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, 124, 233)` looks like.

```
.text, #text, p{  
    color:rgb(230, 124, 233)  
}
```

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, 124, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 124, 233) }
```

Border

The CSS property to change the border of an element to XYZ 54.5488, 37.1215, 81.3809 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, 124, 233) }
```


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

```
.border{ border-color:rgb(230, 124, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 124, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 124, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 124, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 124,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5488, 37.1215, 81.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 124, 233) }
```

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

```
.background{ background-color: rgb(230,  
124, 233) }
```

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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