

Converting Colors

XYZ(54.4775, 37.3691, 77.0147)

Have a look what the booklet for
XYZ(54.4775, 37.3691, 77.0147)
contains.

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Color

**XYZ(54.4775, 37.3691,
77.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	E87DE3
RGB	232, 125, 227
RGB Percent	91%, 49%, 89%
CMY	0.0902, 0.5098, 0.1098
CMYK	0.00, 0.46, 0.02, 0.09
HSL	303°, 70%, 70%
HSV	303°, 46%, 91%
XYZ	54.4775, 37.3691, 77.0147
YIQ	168.6210, 31.0300, 54.4060

Conversions

Conversions Part 2

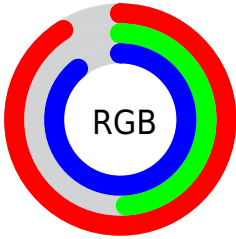
Format	Color
R _Y B	232, 125, 227
Decimal	15236579
CIE Lab	67.55, 55.19, -34.14
CIE LCh	68, 64.896, 328.259
Yxy	37.3691, 0.3226, 0.2213
Android (android.graphics.Color)	4293426659 (0xFFE87DE3)
YUV	168.6210, 28.7808, 55.5834
Hunter-Lab	61.1303, 52.0960, -31.9051

Details

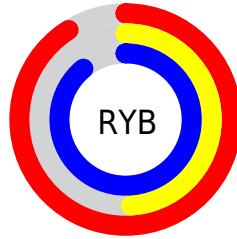
The XYZ color **54.4775, 37.3691, 77.0147** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.3450, 63.6864, 31.2349**, and the grayscale version is **37.3781, 39.3246, 42.8245**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **27.0595, 16.4454, 40.2762** is the 20% darker color. If you saturate the color by 10%, you get **51.7275, 32.1070, 75.3623**, and if you desaturate by 10%, it is **57.9168, 44.0066, 78.9023**.

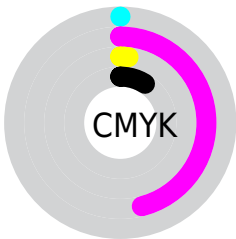
Distribution



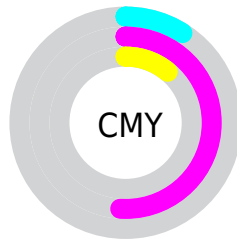
- Red (91%)
- Green (49%)
- Blue (89%)



- Red (91%)
- Yellow (49%)
- Blue (89%)



- Cyan (0%)
- Magenta (46%)
- Yellow (2%)
- Black (9%)




- Cyan (9%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4775, 37.3691, 77.0147 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 54.4775, 37.3691, 77.0147 by changing the saturation by 10% instead.


 54.4775, 37.3691,
77.0147

 54.4775, 37.3691,
77.0147

394.0970,
334.9058, 504.2531

 39.2157, 25.4934,
56.7533


 95.9278, 71.1401,
130.9334

 27.1091, 16.4450,
40.3992


 122.8470, 93.8042,
165.4279

 17.7922, 9.8396,
27.5338


 154.3828,
120.8332, 205.5037

 10.8997, 5.2927,
17.7385

190.9004,
152.6115, 251.5795

 6.0662, 2.4200,
10.5949

232.7653,
189.5235, 304.0738

 2.9264, 0.8362,
5.6844

280.3428,

 1.1150, 0.0000,

231.9536, 363.4052

2.5885

333.9982,
280.2863, 429.9921

■ 0.0376, 0.0000,
0.8865

■ 0.0000, 0.0000,
0.0000

■ 54.4775, 37.3691,
77.0147

■ 54.4775, 37.3691,
77.0147

■ 51.7275, 32.1070,
75.3623

■ 57.9168, 44.0066,
78.9023

■ 49.6145, 28.1183,
73.9264


■ 62.0854, 52.1021,
81.0373


■ 48.0851, 25.2952,
72.6898

■ 67.0248, 61.7374,
83.4338


■ 47.0752, 23.5097,
71.6309


■ 72.7720, 72.9870,
86.1043


 46.5054, 22.6029,
70.7234


 79.3620, 85.9206,
89.0604

 46.3514, 22.3850,
70.3948

 83.8197, 94.5883,
91.3105

 83.9756, 94.6506,
92.1313

 84.1324, 94.7134,
92.9572

 84.2902, 94.7765,
93.7881

Harmonies

Analogous

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



45.4068, 37.3691, 110.8854



54.4775, 37.3691, 77.0147



58.3744, 37.3691, 42.3818

Triad

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



54.4775, 37.3691, 77.0147



36.1046, 37.3691, 6.7591



21.1482, 37.3691, 72.6722

Complementary

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



54.4775, 37.3691, 77.0147



41.3450, 63.6864, 31.2349

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.



19.5755, 37.3691, 39.0411



54.4775, 37.3691, 77.0147



27.1809, 37.3691, 8.9301

Square

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



54.4775, 37.3691, 77.0147



46.6071, 37.3691, 9.5518



21.5637, 37.3691, 18.0742



26.3445, 37.3691, 107.6584

Rectangle

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



54.4775, 37.3691, 77.0147



57.0504, 37.3691, 25.7767



21.5637, 37.3691, 18.0742



20.2265, 37.3691, 60.4642

Sweetspot

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



54.4788, 37.3708, 77.0155



84.4323, 79.1927, 104.0412



30.8884, 25.1286, 79.5674



17.7605, 16.3415, 22.1219



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.



54.4788, 37.3708, 77.0155



64.3547, 40.2695, 93.5501



48.3452, 34.9174, 44.7167



14.9645, 14.6030, 18.0134



25.7456, 12.4325, 39.1509



1.9116, 0.9223, 2.9407

Inverse Universe

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



54.4788, 37.3708, 77.0155



64.3547, 40.2695, 93.5501



45.7661, 65.4548, 54.5159



14.9645, 14.6030, 18.0134



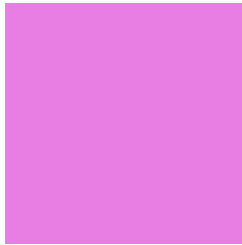
25.7456, 12.4325, 39.1509



1.9116, 0.9223, 2.9407

Previews

White Background



This preview shows how the XYZ color 54.4775, 37.3691, 77.0147 looks on a white background.

Color Contrast Check

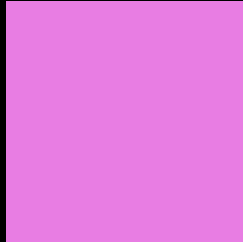
Large Text (above 18pt) WCAG AA × Fail

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 54.4775, 37.3691, 77.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

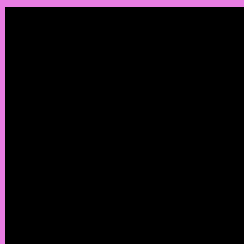
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4775, 37.3691, 77.0147

Background



This preview shows how black text looks on a background with the XYZ color 54.4775, 37.3691, 77.0147.



This preview shows how white text looks on a background with the XYZ color 54.4775, 37.3691,

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

54.4775, 37.3691, 77.0147

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.4163, 37.4920, 72.9221



Tritanopia

45.8542, 37.3339, 34.9264

Trichromacy



Original Color

54.4775, 37.3691, 77.0147



Protanomaly

43.3773, 36.4123, 91.1282



Deuteranomaly

42.8891, 36.5259, 74.6017



Tritanomaly

48.4064, 37.0724, 47.7844

Monochromacy



Original Color

54.4775, 37.3691, 77.0147



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.4237, 37.7066, 53.7573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4775, 37.3691, 77.0147 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(232, 125, 227)` looks like.

```
.text, #text, p{  
    color:rgb(232, 125, 227)  
}
```

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(232, 125, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 125, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.4775, 37.3691, 77.0147 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(232, 125, 227) }
```


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

```
.border{ border-color:rgb(232, 125, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 125, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 125, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 125, 227);  
box-shadow:4px 4px 4px 4px rgb(232, 125,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4775, 37.3691, 77.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 125, 227) }
```

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

```
.background{ background-color: rgb(232,  
125, 227) }
```

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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