

Converting Colors

XYZ(55.0791, 37.5237, 78.1489)

Have a look what the booklet for
XYZ(55.0791, 37.5237, 78.1489)
contains.

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Color

**XYZ(54.9548, 37.3961,
78.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	E97CE5
RGB	233, 124, 229
RGB Percent	91%, 49%, 90%
CMY	0.0863, 0.5137, 0.1020
CMYK	0.00, 0.47, 0.02, 0.09
HSL	302°, 71%, 70%
HSV	302°, 47%, 91%
XYZ	54.9548, 37.3961, 78.4505
YIQ	168.5610, 31.2590, 55.7630

Conversions

Conversions Part 2

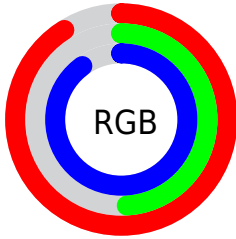
Format	Color
R _Y B	233, 124, 229
Decimal	15301861
CIE Lab	67.57, 56.31, -35.21
CIE LCh	68, 66.413, 327.987
Yxy	37.3961, 0.3217, 0.2189
Android (android.graphics.Color)	4293491941 (0xFFE97CE5)
YUV	168.5610, 29.7964, 56.5130
Hunter-Lab	61.1524, 53.3931, -33.2547

Details

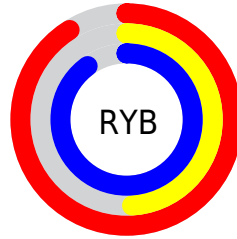
The XYZ color **54.9548, 37.3961, 78.4505** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.3490, 64.1228, 30.6219**, and the grayscale version is **37.3437, 39.2884, 42.7851**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **27.3501, 16.3873, 41.2567** is the 20% darker color. If you saturate the color by 10%, you get **52.2537, 32.1837, 76.9627**, and if you desaturate by 10%, it is **58.3488, 43.9916, 80.1728**.

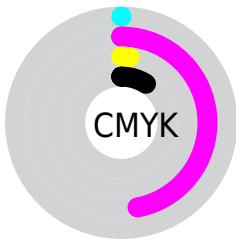
Distribution



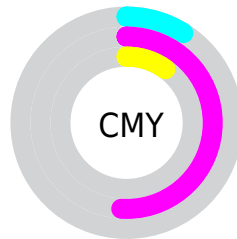
- Red (91%)
- Green (49%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (47%)
- Yellow (2%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9548, 37.3961, 78.4505 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 54.9548, 37.3961, 78.4505 by changing the saturation by 10% instead.


 54.9548, 37.3961,
78.4505

 54.9548, 37.3961,
78.4505

395.8798,
335.0222, 509.2638


 39.5992, 25.5143,
57.9255

 96.6234, 71.1816,
132.9766

 27.4090, 16.4607,
41.3344


 123.6672, 93.8541,
167.8148

 18.0188, 9.8507,
28.2588


 155.3378,
120.8922, 208.2612

 11.0633, 5.3001,
18.2801

192.0005,
152.6805, 254.7342

 6.1770, 2.4244,
10.9798

234.0207,
189.6032, 307.6524

 2.9947, 0.8384,
5.9392

281.7637,

 1.1510, 0.0000,

232.0448, 367.4344

2.7400

335.5950,
280.3897, 434.4987

■ 0.0671, 0.0000,
0.9635

■ 0.0000, 0.0000,
0.0000

■ 54.9548, 37.3961,
78.4505

■ 54.9548, 37.3961,
78.4505

■ 52.2537, 32.1837,
76.9627

■ 58.3488, 43.9916,
80.1728

■ 50.1923, 28.2506,
75.6908


■ 62.4764, 52.0543,
82.1423

■ 48.7161, 25.4869,
74.6167


■ 67.3796, 61.6672,
84.3731


■ 47.7595, 23.7616,
73.7188


■ 73.0963, 72.9062,
86.8781


 47.2393, 22.9080,
72.9692


 79.6617, 85.8416,
89.6689

 47.1203, 22.7301,
72.7446

 84.2350, 94.7920,
91.7985

 84.3583, 94.8413,
92.4478

 84.4822, 94.8909,
93.1002

 84.6067, 94.9407,
93.7557

Harmonies

Analogous

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



45.5903, 37.3961, 113.4159



54.9548, 37.3961, 78.4505



59.0328, 37.3961, 42.7279

Triad

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



54.9548, 37.3961, 78.4505



36.2389, 37.3961, 6.3895



20.8569, 37.3961, 73.2651

Complementary

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



54.9548, 37.3961, 78.4505



41.3490, 64.1228, 30.6219

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.



19.2947, 37.3961, 38.7721



54.9548, 37.3961, 78.4505



27.0937, 37.3961, 8.4906

Square

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



54.9548, 37.3961, 78.4505



47.0170, 37.3961, 9.2052



21.3446, 37.3961, 17.5703



26.1078, 37.3961, 109.5455

Rectangle

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



54.9548, 37.3961, 78.4505



57.7124, 37.3961, 25.6892



21.3446, 37.3961, 17.5703



19.9329, 37.3961, 60.6958

Sweetspot

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



54.9561, 37.3978, 78.4513



84.4896, 79.2156, 104.3426



30.7644, 24.8612, 80.2691



17.7746, 16.3472, 22.1963



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.



54.9561, 37.3978, 78.4513



64.2737, 39.7795, 94.5347



48.5382, 34.8306, 44.6554



15.6895, 15.3037, 18.9164



26.7473, 12.9016, 41.3320



2.1078, 1.0161, 3.2850

Inverse Universe

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



54.9561, 37.3978, 78.4513



64.2737, 39.7795, 94.5347



45.9100, 65.9472, 54.6395



15.6895, 15.3037, 18.9164



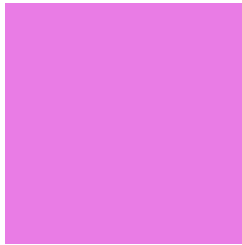
26.7473, 12.9016, 41.3320



2.1078, 1.0161, 3.2850

Previews

White Background



This preview shows how the XYZ color 54.9548, 37.3961, 78.4505 looks on a white background.

Color Contrast Check

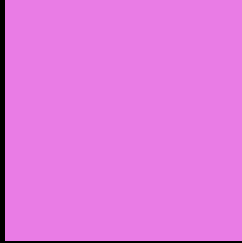
Large Text (above 18pt) WCAG AA × Fail

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 54.9548, 37.3961, 78.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

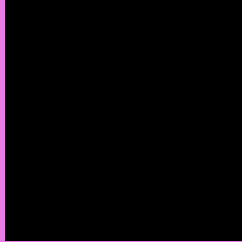
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9548, 37.3961, 78.4505

Background



This preview shows how black text looks on a background with the XYZ color 54.9548, 37.3961, 78.4505.



This preview shows how white text looks on a background with the XYZ color 54.9548, 37.3961,

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

54.9548, 37.3961, 78.4505

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.6764, 37.8579, 74.3761



Tritanopia

46.0810, 37.4603, 34.5076

Trichromacy



Original Color

54.9548, 37.3961, 78.4505



Protanomaly

43.3729, 36.1585, 91.8821



Deuteranomaly

43.1604, 36.6344, 76.0305



Tritanomaly

48.5807, 36.9541, 47.7524

Monochromacy



Original Color

54.9548, 37.3961, 78.4505



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.5334, 37.7505, 54.3350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9548, 37.3961, 78.4505 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(233, 124, 229)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 229)  
}
```

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(233, 124, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 229) }
```

Border

The CSS property to change the border of an element to XYZ 54.9548, 37.3961, 78.4505 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(233, 124, 229) }
```


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

```
.border{ border-color:rgb(233, 124, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 124, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 124, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 124, 229);  
box-shadow:4px 4px 4px 4px rgb(233, 124,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9548, 37.3961, 78.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 229) }
```

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

```
.background{ background-color: rgb(233,  
124, 229) }
```

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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