

Converting Colors

XYZ(54.0049, 32.4810, 80.8540)

Have a look what the booklet for
XYZ(54.0049, 32.4810, 80.8540)
contains.

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Color

**XYZ(53.9077, 32.4371,
80.5105)**

Conversions

Conversions Part 1

Format	Color
Hex	ED61E9
RGB	237, 97, 233
RGB Percent	93%, 38%, 91%
CMY	0.0706, 0.6196, 0.0863
CMYK	0.00, 0.59, 0.02, 0.07
HSL	302°, 80%, 65%
HSV	302°, 59%, 93%
XYZ	53.9077, 32.4371, 80.5105
YIQ	154.3640, 39.7840, 71.9760

Conversions

Conversions Part 2

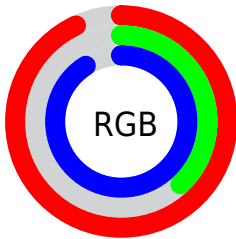
Format	Color
R _Y B	237, 97, 233
Decimal	15557097
CIE _{Lab}	63.70, 70.33, -43.44
CIE _{LCh}	64, 82.665, 328.302
Y _{xy}	32.4371, 0.3231, 0.1944
Android (android.graphics.Color)	4293747177 (0xFFED61E9)
Y _{UV}	154.3640, 38.7675, 72.4718
Hunter-Lab	56.9536, 69.2851, -43.9458

Details

The XYZ color **53.9077, 32.4371, 80.5105** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **37.5644, 64.0507, 22.6970**, and the grayscale version is **30.6991, 32.2979, 35.1724**.

A 20% lighter version of the original color is **71.0113, 51.9227, 100.8871**, and **26.8124, 13.6723, 42.8208** is the 20% darker color. If you saturate the color by 10%, you get **51.9397, 28.6548, 79.3783**, and if you desaturate by 10%, it is **56.5323, 37.5303, 81.8640**.

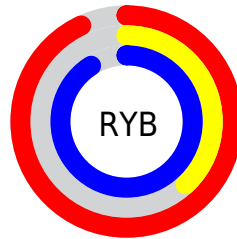
Distribution



Red (93%)

Green (38%)

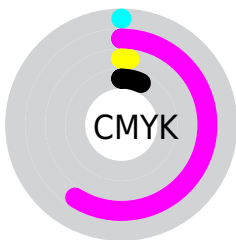
Blue (91%)



Red (93%)

Yellow (38%)

Blue (91%)

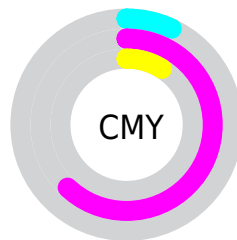


Cyan (0%)

Magenta (59%)

Yellow (2%)

Black (7%)



Cyan (7%)


Magenta (62%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9077, 32.4371, 80.5105 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 53.9077, 32.4371, 80.5105 by changing the saturation by 10% instead.


 53.9077, 32.4371,
80.5105

 53.9077, 32.4371,
80.5105

391.9620,
313.1056, 516.4037


 38.7582, 21.6956,
59.6099


 95.0964, 63.4957,
135.9011

 26.7516, 13.6334,
42.6810

 121.8664, 84.5816,
171.2282

 17.5224, 7.8661,
29.3054


 153.2405,
109.8843, 212.2012

 10.7052, 4.0094,
19.0644

 189.5843,
139.7884, 259.2386

 5.9348, 1.6788,
11.5395

231.2629,
174.6782, 312.7590

 2.8458, 0.4099,
6.3123

278.6419,

 1.0727, 0.0000,

214.9380, 373.1810

2.9640

332.0865,
260.9524, 440.9230

■ 0.0021, 0.0000,
1.0763

■ 0.0000, 0.0000,
0.0000

■ 53.9077, 32.4371,
80.5105

■ 53.9077, 32.4371,
80.5105

■ 51.9397, 28.6548,
79.3783

■ 56.5323, 37.5303,
81.8640

■ 50.5646, 26.0585,
78.4452


■ 59.8629, 44.0357,
83.4543


■ 49.7122, 24.5071,
77.6883


■ 63.9480, 52.0496,
85.2980


■ 49.2733, 23.7822,
77.0710


■ 68.8310, 61.6586,
87.4095

 49.2405, 23.7308,
77.0163

 74.5520, 72.9430,
89.8022

 81.1482, 85.9774,
92.4885

 86.0802, 95.6826,
94.6218

 86.1798, 95.7225,
95.1462

 86.2797, 95.7625,
95.6726

Harmonies

Analogous

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



42.6320, 32.4371, 126.4092



53.9077, 32.4371, 80.5105



58.8560, 32.4371, 37.2407

Triad

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



53.9077, 32.4371, 80.5105



31.4946, 32.4371, 2.2385



15.0935, 32.4371, 74.9771

Complementary

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



53.9077, 32.4371, 80.5105



37.5644, 64.0507, 22.6970

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.



13.5061, 32.4371, 33.4635



53.9077, 32.4371, 80.5105



21.4366, 32.4371, 3.6751

Square

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



53.9077, 32.4371, 80.5105



44.0653, 32.4371, 4.1089



15.5068, 32.4371, 11.2982



20.5527, 32.4371, 122.0419

Rectangle

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



53.9077, 32.4371, 80.5105



57.1551, 32.4371, 18.8457



15.5068, 32.4371, 11.2982



14.1602, 32.4371, 59.3536

Sweetspot

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



53.9089, 32.4386, 80.5112



81.9045, 74.0458, 103.4798



24.7444, 17.3369, 82.1640



17.1428, 15.0842, 21.9838



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.



53.9089, 32.4386, 80.5112



60.9135, 33.0421, 93.4666



45.9624, 29.2600, 38.6656



15.6951, 15.3059, 18.9459



26.8920, 12.9595, 42.0940



2.1176, 1.0200, 3.3364

Inverse Universe

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



53.9089, 32.4386, 80.5112



60.9135, 33.0421, 93.4666



42.4082, 65.9882, 48.2042



15.6951, 15.3059, 18.9459



26.8920, 12.9595, 42.0940



2.1176, 1.0200, 3.3364

Previews

White Background



This preview shows how the XYZ color 53.9077, 32.4371, 80.5105 looks on a white background.

Color Contrast Check

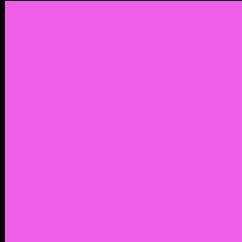
Large Text (above 18pt) WCAG AA × Fail

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 53.9077, 32.4371, 80.5105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

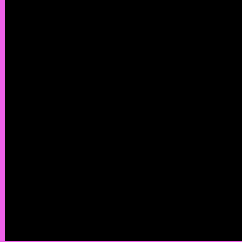
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9077, 32.4371, 80.5105

Background



This preview shows how black text looks on a background with the XYZ color 53.9077, 32.4371, 80.5105.



This preview shows how white text looks on a background with the XYZ color 53.9077, 32.4371,

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

53.9077, 32.4371, 80.5105

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.5982, 32.6763, 75.0574



Tritanopia

42.4926, 32.1163, 26.1498

Trichromacy



Original Color

53.9077, 32.4371, 80.5105



Protanomaly

38.8094, 30.1161, 91.7632



Deuteranomaly

38.1890, 30.5366, 76.5544



Tritanomaly

45.4918, 31.5572, 41.2296

Monochromacy



Original Color

53.9077, 32.4371, 80.5105



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.7019, 30.3843, 48.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9077, 32.4371, 80.5105 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(237, 97, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 97, 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(237, 97, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 97, 233) }
```

Border

The CSS property to change the border of an element to XYZ 53.9077, 32.4371, 80.5105 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(237, 97, 233) }
```


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

```
.border{ border-color:rgb(237, 97, 233) }
```

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

Here you see how a box with a 4 pixel rgb(237, 97, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 97, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 97, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 97,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9077, 32.4371, 80.5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 97, 233) }
```

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

```
.background{ background-color: rgb(237, 97,  
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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