

Converting Colors

XYZ(53.4358, 37.6307, 75.6812)

Have a look what the booklet for
XYZ(53.4358, 37.6307, 75.6812)
contains.

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Color

**XYZ(53.4358, 37.6307,
75.6812)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E481E1 |
| RGB | 228, 129, 225 |
| RGB Percent | 89%, 51%, 88% |
| CMY | 0.1059, 0.4941, 0.1176 |
| CMYK | 0.00, 0.43, 0.01, 0.11 |
| HSL | 302°, 65%, 70% |
| HSV | 302°, 43%, 89% |
| XYZ | 53.4358, 37.6307, 75.6812 |
| YIQ | 169.5450, 28.1880, 50.8440 |

Conversions

Conversions Part 2

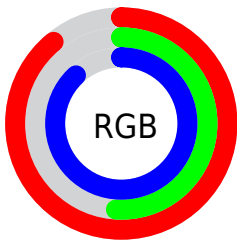
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 228, 129, 225 |
| Decimal | 14975457 |
| CIE Lab | 67.75, 51.69, -32.77 |
| CIE LCh | 68, 61.201, 327.625 |
| Yxy | 37.6307, 0.3205, 0.2257 |
| Android (android.graphics.Color) | 4293165537 (0xFFE481E1) |
| YUV | 169.5450, 27.3393, 51.2650 |
| Hunter-Lab | 61.3439, 48.1371, -30.2066 |

Details

The XYZ color **53.4358, 37.6307, 75.6812** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **40.9632, 61.8213, 31.6057**, and the grayscale version is **37.8421, 39.8128, 43.3561**.

A 20% lighter version of the original color is **76.4305, 62.7610, 102.6935**, and **26.5405, 16.6914, 39.3590** is the 20% darker color. If you saturate the color by 10%, you get **50.6672, 32.2432, 74.2944**, and if you desaturate by 10%, it is **56.8773, 44.3616, 77.2949**.

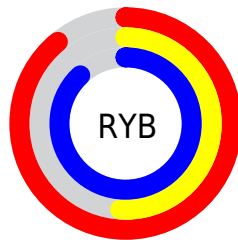
Distribution



Red (89%)

Green (51%)

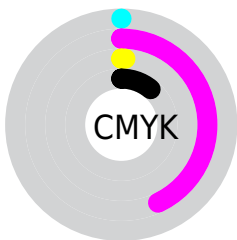
Blue (88%)



Red (89%)

Yellow (51%)

Blue (88%)

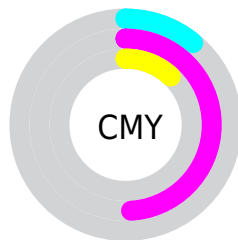


Cyan (0%)

Magenta (43%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4358, 37.6307, 75.6812 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 53.4358, 37.6307, 75.6812 by changing the saturation by 10% instead.


 53.4358, 37.6307,
75.6812


 53.4358, 37.6307,
75.6812

390.1884,
336.0331, 499.5734


 38.3797, 25.6962,
55.6660

 94.4071, 71.5417,
129.0321

 26.4560, 16.5965,
39.5330

 121.0529, 94.2871,
163.2050

 17.2996, 9.9472,
26.8636


 152.2928,
121.4048, 202.9341

 10.5449, 5.3640,
17.2393

188.4919,
153.2793, 248.6381

 5.8268, 2.4624,
10.2415

230.0156,
190.2950, 300.7355

 2.7797, 0.8577,
5.4517

277.2294,

 1.0384, 0.0000,

232.8363, 359.6448

2.4513

330.4985,
281.2875, 425.7846

■ 0.0000, 0.0000,
0.8142

■ 0.0000, 0.0000,
0.0000

■ 53.4358, 37.6307,
75.6812

■ 53.4358, 37.6307,
75.6812

■ 50.6672, 32.2432,
74.2944

■ 56.8773, 44.3616,
77.2949

■ 48.5226, 28.1040,
73.1171


■ 61.0288, 52.5129,
79.1468

■ 46.9526, 25.1135,
72.1333


■ 65.9293, 62.1613,
81.2502


■ 45.8988, 23.1546,
71.3234


■ 71.6137, 73.3771,
83.6169


 45.2902, 22.0856,
70.6637


 78.1149, 86.2258,
86.2576

 45.0586, 21.7195,
70.2870

 81.9189, 93.6796,
88.0013

 82.0157, 93.7184,
88.5111

 82.1129, 93.7572,
89.0229

 82.2105, 93.7963,
89.5367

Harmonies

Analogous

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



44.8825, 37.6307, 106.6386



53.4358, 37.6307, 75.6812



57.1957, 37.6307, 43.1707

Triad

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



53.4358, 37.6307, 75.6812



36.5261, 37.6307, 7.8511



21.9488, 37.6307, 70.1899

Complementary

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



53.4358, 37.6307, 75.6812



40.9632, 61.8213, 31.6057

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.



20.4958, 37.6307, 38.8520



53.4358, 37.6307, 75.6812



27.9774, 37.6307, 9.9778

Square

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



53.4358, 37.6307, 75.6812



46.4189, 37.6307, 10.8436



22.4978, 37.6307, 18.9285



26.8834, 37.6307, 102.6054

Rectangle

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



53.4358, 37.6307, 75.6812



56.0570, 37.6307, 27.1363



22.4978, 37.6307, 18.9285



21.0796, 37.6307, 58.8595

Sweetspot

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



53.4371, 37.6324, 75.6820



85.2101, 80.5783, 104.8239



31.1615, 26.1012, 76.7956



17.9182, 16.6160, 22.3011



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.



53.4371, 37.6324, 75.6820



65.6582, 42.2413, 95.9434



47.7676, 35.3646, 45.8268



14.9753, 14.6073, 18.0701



26.0265, 12.5448, 40.6300



1.9293, 0.9294, 3.0339

Inverse Universe

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



53.4371, 37.6324, 75.6820



65.6582, 42.2413, 95.9434



45.0517, 63.4568, 53.1359



14.9753, 14.6073, 18.0701



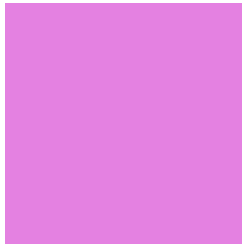
26.0265, 12.5448, 40.6300



1.9293, 0.9294, 3.0339

Previews

White Background



This preview shows how the XYZ color 53.4358, 37.6307, 75.6812 looks on a white background.

Color Contrast Check

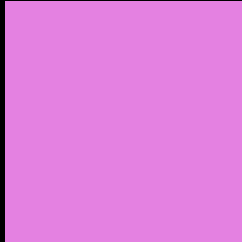
Large Text (above 18pt) WCAG AA × Fail

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 53.4358, 37.6307, 75.6812 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 53.4358, 37.6307, 75.6812

Background



This preview shows how black text looks on a background with the XYZ color 53.4358, 37.6307, 75.6812.

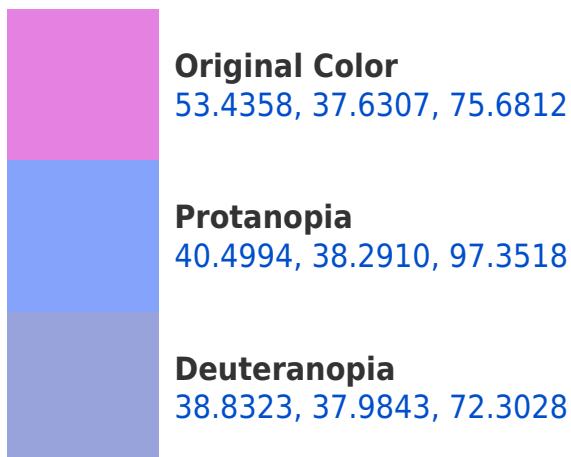


This preview shows how white text looks on a background with the XYZ color 53.4358, 37.6307,

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





Tritanopia

45.1031, 37.3731, 35.8469

Trichromacy



Original Color

53.4358, 37.6307, 75.6812



Protanomaly

43.2421, 36.8689, 88.8417



Deuteranomaly

42.9401, 37.0570, 73.2961



Tritanomaly

47.5950, 37.2901, 47.8692

Monochromacy



Original Color

53.4358, 37.6307, 75.6812



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.5015, 38.2368, 53.8556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4358, 37.6307, 75.6812 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(228, 129, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 129, 225)  
}
```

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(228, 129, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 129, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.4358, 37.6307, 75.6812 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(228, 129, 225) }
```


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

```
.border{ border-color:rgb(228, 129, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 129, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 129, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 129, 225);  
box-shadow:4px 4px 4px 4px rgb(228, 129,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4358, 37.6307, 75.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 129, 225) }
```

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

```
.background{ background-color: rgb(228,  
129, 225) }
```

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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