

Converting Colors

XYZ(52.9249, 37.5096, 76.5190)

Have a look what the booklet for
XYZ(52.9249, 37.5096, 76.5190)
contains.

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Color

**XYZ(53.0741, 37.6250,
76.4165)**

Conversions

Conversions Part 1

Format	Color
Hex	E282E2
RGB	226, 130, 226
RGB Percent	89%, 51%, 89%
CMY	0.1137, 0.4902, 0.1137
CMYK	0.00, 0.42, 0.00, 0.11
HSL	300°, 62%, 70%
HSV	300°, 42%, 89%
XYZ	53.0741, 37.6250, 76.4165
YIQ	169.6480, 26.4000, 50.2080

Conversions

Conversions Part 2

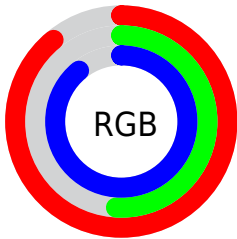
Format	Color
R _Y B	226, 130, 226
Decimal	14844642
CIE Lab	67.74, 50.77, -33.35
CIE LCh	68, 60.746, 326.701
Yxy	37.6250, 0.3176, 0.2251
Android (android.graphics.Color)	4293034722 (0xFFE282E2)
YUV	169.6480, 27.7815, 49.4207
Hunter-Lab	61.3392, 47.1045, -30.9261

Details

The XYZ color **53.0741, 37.6250, 76.4165** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **40.4331, 60.7516, 30.7164**, and the grayscale version is **37.8916, 39.8650, 43.4129**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **26.2718, 16.6451, 39.8584** is the 20% darker color. If you saturate the color by 10%, you get **50.3920, 32.2601, 75.5227**, and if you desaturate by 10%, it is **56.4188, 44.3135, 77.5319**.

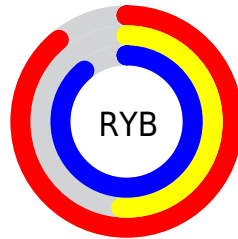
Distribution



Red (89%)

Green (51%)

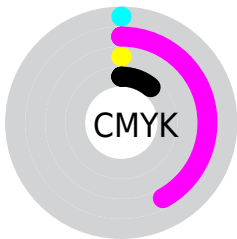
Blue (89%)



Red (89%)

Yellow (51%)

Blue (89%)

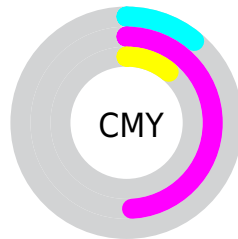


Cyan (0%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0741, 37.6250, 76.4165 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 53.0741, 37.6250, 76.4165 by changing the saturation by 10% instead.


 53.0741, 37.6250,
76.4165


 53.0741, 37.6250,
76.4165

388.8256,
336.0086, 502.1570


 38.0896, 25.6918,
56.2654


 93.8783, 71.5330,
130.0810

 26.2298, 16.5932,
40.0103


 120.4287, 94.2766,
164.4314

 17.1292, 9.9449,
27.2327


 151.5652,
121.3923, 204.3520

 10.4225, 5.3624,
17.5141

187.6531,
153.2648, 250.2614

 5.7444, 2.4614,
10.4359

229.0577,
190.2782, 302.5780

 2.7295, 0.8572,
5.5796

276.1444,

 1.0124, 0.0000,

232.8170, 361.7205

2.5265

329.2786,
281.2657, 428.1073

■ 0.0000, 0.0000,
0.8542

■ 0.0000, 0.0000,
0.0000

■ 53.0741, 37.6250,
76.4165

■ 53.0741, 37.6250,
76.4165

■ 50.3920, 32.2601,
75.5227

■ 56.4188, 44.3135,
77.5319

■ 48.3252, 28.1263,
74.8337


■ 60.4621, 52.4000,
78.8798

■ 46.8257, 25.1275,
74.3337


■ 65.2418, 61.9594,
80.4731


■ 45.8375, 23.1510,
74.0042


■ 70.7920, 73.0597,
82.3233


 45.2924, 22.0610,
73.8224


 77.1445, 85.7648,
84.4409

 45.0919, 21.6599,
73.7555

 80.8522, 93.1801,
85.6769

 80.8522, 93.1801,
85.6770

 80.8522, 93.1801,
85.6772

 80.8522, 93.1801,
85.6773

Harmonies

Analogous

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



44.5031, 37.6250, 106.6979



53.0741, 37.6250, 76.4165



56.9842, 37.6250, 44.0151

Triad

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



53.0741, 37.6250, 76.4165



36.8104, 37.6250, 7.9922



21.9354, 37.6250, 68.8706

Complementary

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



53.0741, 37.6250, 76.4165



40.4331, 60.7516, 30.7164

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.



20.5954, 37.6250, 38.0634



53.0741, 37.6250, 76.4165



28.2467, 37.6250, 9.9607

Square

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



53.0741, 37.6250, 76.4165



46.6175, 37.6250, 11.1653



22.6940, 37.6250, 18.6317



26.7369, 37.6250, 101.1643

Rectangle

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



53.0741, 37.6250, 76.4165



55.9918, 37.6250, 27.8317



22.6940, 37.6250, 18.6317



21.1060, 37.6250, 57.6962

Sweetspot

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



53.0754, 37.6267, 76.4173



85.3714, 80.6429, 105.6736



30.9177, 26.2040, 75.3808



17.9586, 16.6321, 22.5137



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.



53.0754, 37.6267, 76.4173



66.6171, 43.1345, 99.4216



47.3840, 35.3501, 46.4471



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9165

Inverse Universe

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



53.0754, 37.6267, 76.4173



66.6171, 43.1345, 99.4216



44.4397, 62.3542, 51.8146



14.2951, 13.9357, 17.3241



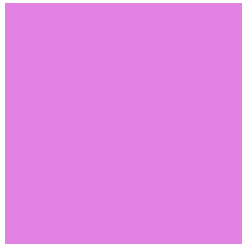
25.7246, 12.3568, 42.0770



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 53.0741, 37.6250, 76.4165 looks on a white background.

Color Contrast Check

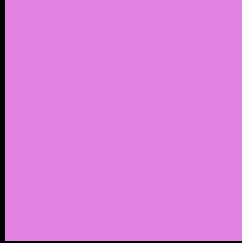
Large Text (above 18pt) WCAG AA × Fail

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 53.0741, 37.6250, 76.4165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

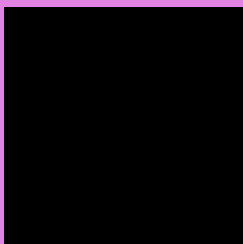
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0741, 37.6250, 76.4165

Background



This preview shows how black text looks on a background with the XYZ color 53.0741, 37.6250, 76.4165.

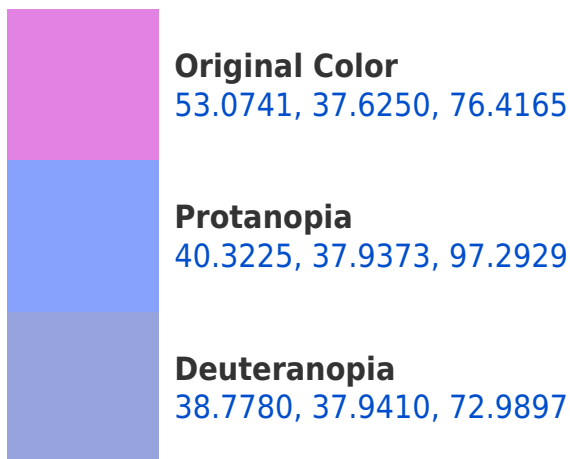


This preview shows how white text looks on a background with the XYZ color 53.0741, 37.6250,

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

44.7414, 37.4028, 36.3138

Trichromacy



Original Color

53.0741, 37.6250, 76.4165



Protanomaly

43.0204, 36.4992, 89.5717



Deuteranomaly

42.6115, 36.8721, 73.9784



Tritanomaly

47.2338, 37.3080, 48.4277

Monochromacy



Original Color

53.0741, 37.6250, 76.4165



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.2508, 38.1075, 53.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0741, 37.6250, 76.4165 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(226, 130, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 130, 226)  
}
```

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(226, 130, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 130, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.0741, 37.6250, 76.4165 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(226, 130, 226) }
```


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

```
.border{ border-color:rgb(226, 130, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 130, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 130, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 130, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 130,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0741, 37.6250, 76.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 130, 226) }
```

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

```
.background{ background-color: rgb(226,  
130, 226) }
```

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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