

Converting Colors

XYZ(52.4760, 38.0254, 74.8489)

Have a look what the booklet for
XYZ(52.4760, 38.0254, 74.8489)
contains.

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Color

**XYZ(52.5825, 38.0042,
75.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	E085E0
RGB	224, 133, 224
RGB Percent	88%, 52%, 88%
CMY	0.1216, 0.4784, 0.1216
CMYK	0.00, 0.41, 0.00, 0.12
HSL	300°, 59%, 70%
HSV	300°, 41%, 88%
XYZ	52.5825, 38.0042, 75.0851
YIQ	170.5830, 25.0250, 47.5930

Conversions

Conversions Part 2

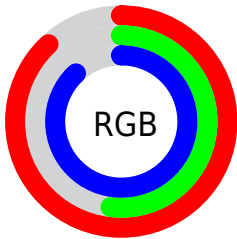
Format	Color
RYB	224, 133, 224
Decimal	14714336
CIELab	68.02, 48.29, -31.83
CIELCh	68, 57.835, 326.610
Yxy	38.0042, 0.3174, 0.2294
Android (android.graphics.Color)	4292904416 (0xFFE085E0)
YUV	170.5830, 26.3346, 46.8467
Hunter-Lab	61.6475, 44.3690, -29.0604

Details

The XYZ color **52.5825, 38.0042, 75.0851** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **40.5638, 59.9926, 31.6343**, and the grayscale version is **38.3645, 40.3624, 43.9547**.

A 20% lighter version of the original color is **77.2732, 64.4464, 102.9744**, and **25.8729, 16.7800, 38.9210** is the 20% darker color. If you saturate the color by 10%, you get **49.8369, 32.5123, 74.1702**, and if you desaturate by 10%, it is **55.9845, 44.8073, 76.2196**.

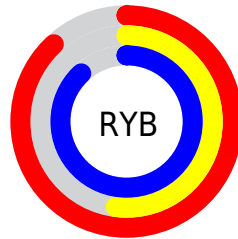
Distribution



Red (88%)

Green (52%)

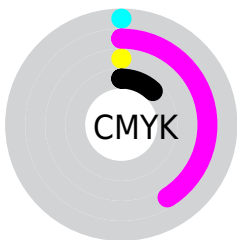
Blue (88%)



Red (88%)

Yellow (52%)

Blue (88%)

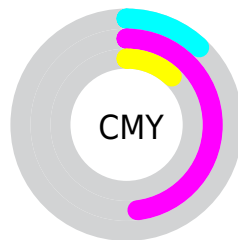


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5825, 38.0042, 75.0851 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 52.5825, 38.0042, 75.0851 by changing the saturation by 10% instead.


 52.5825, 38.0042,
75.0851

 52.5825, 38.0042,
75.0851


386.9684,
337.6380, 497.4732

 37.6957, 25.9859,
55.1805

 93.1589, 72.1146,
128.1810

 25.9228, 16.8131,
39.1466


 119.5792, 94.9755,
162.2094

 16.8982, 10.1013,
26.5651


 150.5748,
122.2194, 201.7827

 10.2568, 5.4662,
17.0173

186.5109,
154.2307, 247.3196

 5.6331, 2.5233,
10.0848

227.7530,
191.3939, 299.2386

 2.6618, 0.8883,
5.3489

274.6664,

 0.9776, 0.0000,

234.0932, 357.9581

2.3911

327.6164,
282.7131, 423.8968

■ 0.0000, 0.0000,
0.7816

■ 0.0000, 0.0000,
0.0000

■ 52.5825, 38.0042,
75.0851

■ 52.5825, 38.0042,
75.0851

■ 49.8369, 32.5123,
74.1702

■ 55.9845, 44.8073,
76.2196

■ 47.7020, 28.2425,
73.4585

■ 60.0773, 52.9929,
77.5839

■ 46.1323, 25.1030,
72.9351

■ 64.8975, 62.6333,
79.1908

■ 45.0741, 22.9867,
72.5823

■ 70.4781, 73.7944,
81.0510

44.4637, 21.7658,
72.3787

76.8498, 86.5378,
83.1750

44.1954, 21.2293,
72.2892

79.9556, 92.7494,
84.2104

79.9556, 92.7494,
84.2105

79.9556, 92.7494,
84.2106

79.9557, 92.7494,
84.2107

Harmonies

Analogous

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



44.4407, 38.0042, 103.3872



52.5825, 38.0042, 75.0851



56.2964, 38.0042, 44.3800

Triad

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



52.5825, 38.0042, 75.0851



37.1547, 38.0042, 9.0043



22.7540, 38.0042, 67.7852

Complementary

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



52.5825, 38.0042, 75.0851



40.5638, 59.9926, 31.6343

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.



21.4548, 38.0042, 38.5186



52.5825, 38.0042, 75.0851



28.9119, 38.0042, 11.0042

Square

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



52.5825, 38.0042, 75.0851



46.5066, 38.0042, 12.2610



23.5141, 38.0042, 19.6595



27.4110, 38.0042, 98.0853

Rectangle

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



52.5825, 38.0042, 75.0851



55.3715, 38.0042, 28.7682



23.5141, 38.0042, 19.6595



21.9473, 38.0042, 57.2257

Sweetspot

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



52.5838, 38.0059, 75.0859



86.0533, 82.0066, 105.9009



31.5167, 27.1454, 74.1004



18.2287, 17.1724, 22.6038



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.



52.5838, 38.0059, 75.0859



67.2792, 44.4585, 99.6424



47.2157, 35.8586, 46.8178



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0771



1.7831, 0.8565, 2.9166

Inverse Universe

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



52.5838, 38.0059, 75.0859



67.2792, 44.4585, 99.6424



44.4162, 61.5336, 51.9211



14.2951, 13.9357, 17.3241



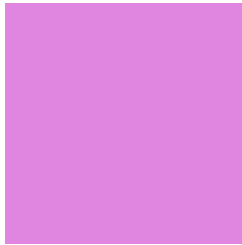
25.7246, 12.3568, 42.0771



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 52.5825, 38.0042, 75.0851 looks on a white background.

Color Contrast Check

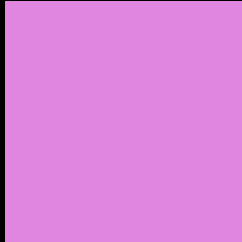
Large Text (above 18pt) WCAG AA × Fail

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 52.5825, 38.0042, 75.0851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

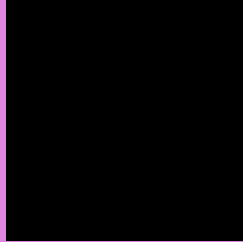
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5825, 38.0042, 75.0851

Background



This preview shows how black text looks on a background with the XYZ color 52.5825, 38.0042, 75.0851.



This preview shows how white text looks on a background with the XYZ color 52.5825, 38.0042,

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

52.5825, 38.0042, 75.0851

Protanopia

40.3570, 38.2901, 94.0706

Deuteranopia

39.0785, 38.1264, 71.6291



Tritanopia

44.9242, 37.9350, 37.3022

Trichromacy



Original Color

52.5825, 38.0042, 75.0851



Protanomaly

43.1704, 37.1235, 86.5516



Deuteranomaly

42.7369, 37.2075, 72.6394



Tritanomaly

47.3299, 37.7835, 49.0543

Monochromacy



Original Color

52.5825, 38.0042, 75.0851



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.5864, 38.7788, 53.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5825, 38.0042, 75.0851 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(224, 133, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 224)  
}
```

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(224, 133, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.5825, 38.0042, 75.0851 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(224, 133, 224) }
```


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

```
.border{ border-color:rgb(224, 133, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 133, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5825, 38.0042, 75.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 224) }
```

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

```
.background{ background-color: rgb(224,  
133, 224) }
```

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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