

Converting Colors

XYZ(53.4742, 38.9487, 76.4786)

Have a look what the booklet for
XYZ(53.4742, 38.9487, 76.4786)
contains.

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Color

**XYZ(53.4428, 38.8265,
76.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	E187E2
RGB	225, 135, 226
RGB Percent	88%, 53%, 89%
CMY	0.1176, 0.4706, 0.1137
CMYK	0.00, 0.40, 0.00, 0.11
HSL	299°, 61%, 71%
HSV	299°, 40%, 89%
XYZ	53.4428, 38.8265, 76.6290
YIQ	172.2840, 24.4290, 47.3810

Conversions

Conversions Part 2

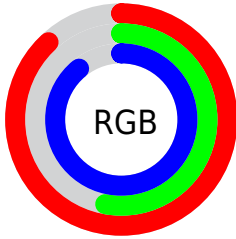
Format	Color
RYB	225, 135, 226
Decimal	14780386
CIELab	68.63, 47.92, -31.99
CIELCh	69, 57.620, 326.272
Yxy	38.8265, 0.3164, 0.2299
Android (android.graphics.Color)	4292970466 (0xFFE187E2)
YUV	172.2840, 26.4820, 46.2319
Hunter-Lab	62.3109, 44.0517, -29.2963

Details

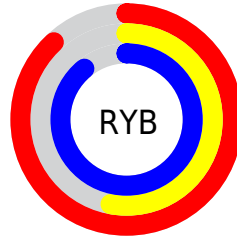
The XYZ color **53.4428, 38.8265, 76.6290** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **41.7241, 61.3771, 32.5715**, and the grayscale version is **39.2191, 41.2615, 44.9338**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **26.4214, 17.2617, 39.9695** is the 20% darker color. If you saturate the color by 10%, you get **50.5411, 33.1369, 75.6843**, and if you desaturate by 10%, it is **57.0165, 45.8580, 77.7984**.

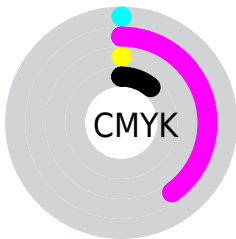
Distribution



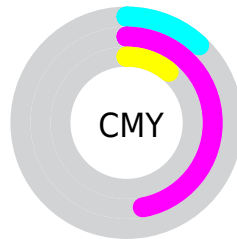
- Red (88%)
- Green (53%)
- Blue (89%)



- Red (88%)
- Yellow (53%)
- Blue (89%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4428, 38.8265, 76.6290 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 53.4428, 38.8265, 76.6290 by changing the saturation by 10% instead.


 53.4428, 38.8265,
76.6290


 53.4428, 38.8265,
76.6290


390.2148,
341.1523, 502.9022


 38.3853, 26.6248,
56.4387

 94.4173, 73.3732,
130.3839

 26.4604, 17.2916,
40.1484


 121.0650, 96.4870,
164.7855

 17.3029, 10.4426,
27.3396


 152.3068,
124.0069, 204.7613

 10.5473, 5.6934,
17.5937

188.5081,
156.3173, 250.7299

 5.8284, 2.6596,
10.4923

230.0341,
193.8027, 303.1097

 2.7807, 0.9567,
5.6167

277.2504,

 1.0389, 0.0000,

236.8474, 362.3193

2.5485

330.5221,
285.8358, 428.7773

■ 0.0000, 0.0000,
0.8657

■ 0.0000, 0.0000,
0.0000

■ 53.4428, 38.8265,
76.6290

■ 53.4428, 38.8265,
76.6290

■ 50.5411, 33.1369,
75.6843

■ 57.0165, 45.8580,
77.7984

■ 48.2646, 28.6987,
74.9476


■ 61.2971, 54.3042,
79.2031


■ 46.5672, 25.4182,
74.4039


■ 66.3220, 64.2388,
80.8558


■ 45.3942, 23.1865,
74.0349


■ 72.1247, 75.7288,
82.7678


 44.6810, 21.8741,
73.8192


 78.7368, 88.8372,
84.9495

 44.3192, 21.2616,
73.7201

 81.0056, 93.2592,
85.6834

 81.0837, 93.2995,
85.6871

 81.1620, 93.3398,
85.6907

 81.2403, 93.3802,
85.6944

Harmonies

Analogous

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



45.1983, 38.8265, 104.9685



53.4428, 38.8265, 76.6290



57.2502, 38.8265, 45.6161

Triad

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



53.4428, 38.8265, 76.6290



38.0522, 38.8265, 9.4046



23.3380, 38.8265, 68.5462

Complementary

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



53.4428, 38.8265, 76.6290



41.7241, 61.3771, 32.5715

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.



22.0584, 38.8265, 39.1020



53.4428, 38.8265, 76.6290



29.6911, 38.8265, 11.3906

Square

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



53.4428, 38.8265, 76.6290



47.4904, 38.8265, 12.8037



24.1858, 38.8265, 20.1179



28.0198, 38.8265, 99.1100

Rectangle

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



53.4428, 38.8265, 76.6290



56.3656, 38.8265, 29.7371



24.1858, 38.8265, 20.1179



22.5326, 38.8265, 57.9197

Sweetspot

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



53.4441, 38.8282, 76.6298



85.9298, 81.9429, 105.8953



32.5979, 28.3980, 75.7153



18.1994, 17.1573, 22.6024



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.



53.4441, 38.8282, 76.6298



67.1301, 44.8917, 99.7346



48.4745, 36.8765, 48.8295



14.2794, 13.9276, 17.3234



25.2911, 12.1334, 42.0573



1.7579, 0.8435, 2.9154

Inverse Universe

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



44.4732, 35.2760, 27.7591



53.8720, 39.6454, 27.3467



45.3244, 62.7986, 52.3731



13.7133, 13.7030, 14.2606



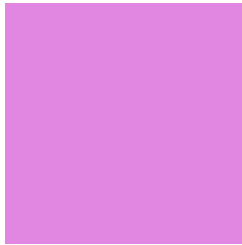
17.9038, 9.2285, 0.8931



1.2432, 0.6405, 0.0734

Previews

White Background



This preview shows how the XYZ color 53.4428, 38.8265, 76.6290 looks on a white background.

Color Contrast Check

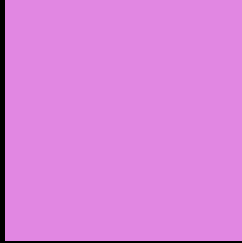
Large Text (above 18pt) WCAG AA × Fail

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 53.4428, 38.8265, 76.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

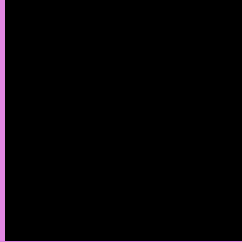
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4428, 38.8265, 76.6290

Background



This preview shows how black text looks on a background with the XYZ color 53.4428, 38.8265, 76.6290.



This preview shows how white text looks on a background with the XYZ color 53.4428, 38.8265,

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

53.4428, 38.8265, 76.6290

Protanopia

41.3579, 39.3014, 95.8486

Deuteranopia

39.8910, 39.0461, 73.1443



Tritanopia

45.7079, 38.7847, 38.3348

Trichromacy



Original Color

53.4428, 38.8265, 76.6290



Protanomaly

44.0103, 38.0081, 88.2358



Deuteranomaly

43.5628, 38.0884, 74.1630



Tritanomaly

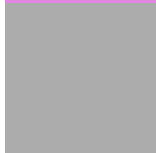
48.1402, 38.6229, 50.2651

Monochromacy



Original Color

53.4428, 38.8265, 76.6290



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.3984, 39.6784, 55.2405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4428, 38.8265, 76.6290 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(225, 135, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 135, 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(225, 135, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 135, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.4428, 38.8265, 76.6290 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(225, 135, 226) }
```


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

```
.border{ border-color:rgb(225, 135, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 135, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 135, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 135, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 135,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4428, 38.8265, 76.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 135, 226) }
```

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

```
.background{ background-color: rgb(225,  
135, 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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