

Converting Colors

XYZ(56.7640, 39.8038, 73.0977)

Have a look what the booklet for
XYZ(56.7640, 39.8038, 73.0977)
contains.

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Color

**XYZ(56.7640, 39.8038,
73.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	EF83DD
RGB	239, 131, 221
RGB Percent	94%, 51%, 87%
CMY	0.0627, 0.4863, 0.1333
CMYK	0.00, 0.45, 0.08, 0.06
HSL	310°, 77%, 73%
HSV	310°, 45%, 94%
XYZ	56.7640, 39.8038, 73.0977
YIQ	173.5520, 35.4780, 50.8860

Conversions

Conversions Part 2

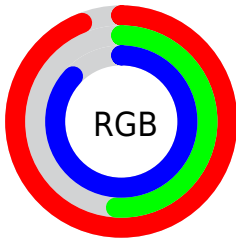
Format	Color
R _Y B	239, 131, 221
Decimal	15696861
CIE Lab	69.33, 53.26, -28.00
CIE LCh	69, 60.177, 332.267
Yxy	39.8038, 0.3346, 0.2346
Android (android.graphics.Color)	4293886941 (0xFFEF83DD)
YUV	173.5520, 23.3919, 57.3979
Hunter-Lab	63.0903, 50.1933, -24.5315

Details

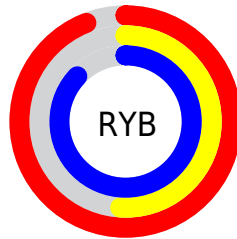
The XYZ color **56.7640, 39.8038, 73.0977** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.6531, 68.7295, 39.2964**, and the grayscale version is **39.8751, 41.9517, 45.6854**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **28.5929, 17.8847, 38.0215** is the 20% darker color. If you saturate the color by 10%, you get **53.3923, 33.8990, 69.3864**, and if you desaturate by 10%, it is **60.8911, 47.1978, 77.1237**.

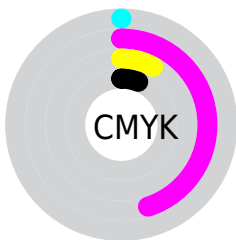
Distribution



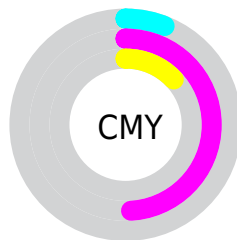
- Red (94%)
- Green (51%)
- Blue (87%)



- Red (94%)
- Yellow (51%)
- Blue (87%)



- Cyan (0%)
- Magenta (45%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7640, 39.8038, 73.0977 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 56.7640, 39.8038, 73.0977 by changing the saturation by 10% instead.


 56.7640, 39.8038,
73.0977


 56.7640, 39.8038,
73.0977


402.5929,
345.2959, 490.4332


 41.0552, 27.3856,
53.5635

 99.2541, 74.8647,
125.3381

 28.5501, 17.8630,
37.8620

 126.7661, 98.2761,
158.8814

 18.8833, 10.8517,
25.5746


 158.9432,
126.1208, 197.9316

 11.6895, 5.9672,
16.2828

196.1508,
158.7830, 242.9070

 6.6033, 2.8251,
9.5680

238.7542,
196.6473, 294.2264

 3.2594, 1.0411,
5.0116

287.1188,

 1.2924, 0.0000,

240.0979, 352.3082

2.1952

341.6099,
289.5193, 417.5709

■ 0.1775, 0.0000,
0.6716

■ 0.0000, 0.0000,
0.0000

■ 56.7640, 39.8038,
73.0977

■ 56.7640, 39.8038,
73.0977

■ 53.3923, 33.8990,
69.3864

■ 60.8911, 47.1978,
77.1237

■ 50.7205, 29.3748,
65.9697


■ 65.8166, 56.1688,
81.4780


■ 48.6915, 26.1163,
62.8287


■ 71.5846, 66.8046,
86.1761


■ 47.2374, 23.9880,
59.9401


■ 78.2351, 79.1847,
91.2318


 46.2748, 22.8229,
57.2757


 85.8052, 93.3834,
96.6578

 45.9249, 22.4821,
56.0523

 87.8234, 96.4575,
100.2974

 88.4380, 96.7033,
103.5336

 89.0658, 96.9544,
106.8393

 89.4069, 97.0909,
108.6359

Harmonies

Analogous

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



48.6371, 39.8038, 105.6553



56.7640, 39.8038, 73.0977



59.5863, 39.8038, 41.2698

Triad

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



56.7640, 39.8038, 73.0977



37.1025, 39.8038, 8.9594



24.2025, 39.8038, 78.3828

Complementary

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



56.7640, 39.8038, 73.0977



45.6531, 68.7295, 39.2964

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.



22.1454, 39.8038, 45.4774



56.7640, 39.8038, 73.0977



28.7594, 39.8038, 12.1306

Square

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



56.7640, 39.8038, 73.0977



47.1484, 39.8038, 11.2526



23.6612, 39.8038, 23.0030



29.8321, 39.8038, 109.5117

Rectangle

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



56.7640, 39.8038, 73.0977



57.7506, 39.8038, 26.1497



23.6612, 39.8038, 23.0030



23.1181, 39.8038, 66.7762

Sweetspot

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



56.7653, 39.8056, 73.0985



83.7565, 78.9224, 100.4822



36.0926, 28.8563, 85.3296



17.5940, 16.2749, 21.2455



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.



56.7653, 39.8056, 73.0985



62.2087, 39.8816, 80.7993



50.6895, 37.3753, 41.1039



16.3345, 15.9835, 19.3178



25.4211, 12.4409, 31.1977



2.1445, 1.0469, 2.7519

Inverse Universe

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



56.7653, 39.8056, 73.0985



62.2087, 39.8816, 80.7993



51.0076, 70.8713, 67.4927



16.3345, 15.9835, 19.3178



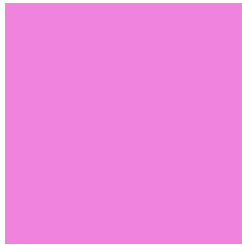
25.4211, 12.4409, 31.1977



2.1445, 1.0469, 2.7519

Previews

White Background



This preview shows how the XYZ color 56.7640, 39.8038, 73.0977 looks on a white background.

Color Contrast Check

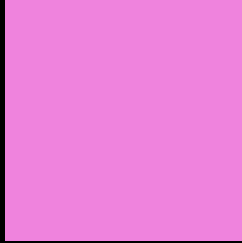
Large Text (above 18pt) WCAG AA × Fail

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 56.7640, 39.8038, 73.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

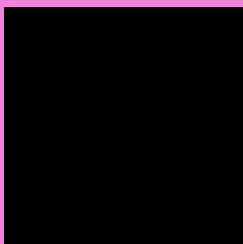
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7640, 39.8038, 73.0977

Background



This preview shows how black text looks on a background with the XYZ color 56.7640, 39.8038, 73.0977.



This preview shows how white text looks on a background with the XYZ color 56.7640, 39.8038,

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

56.7640, 39.8038, 73.0977

Protanopia

42.2453, 40.3166, 95.1779

Deuteranopia

41.0062, 39.9653, 69.8428



Tritanopia

49.0811, 39.6400, 36.5169

Trichromacy



Original Color

56.7640, 39.8038, 73.0977



Protanomaly

45.4957, 38.8082, 86.7542



Deuteranomaly

45.4015, 38.8686, 70.7551



Tritanomaly

51.5480, 39.5439, 48.0959

Monochromacy



Original Color

56.7640, 39.8038, 73.0977



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.9195, 40.2211, 54.6861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7640, 39.8038, 73.0977 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(239, 131, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 131, 221)  
}
```

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(239, 131, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 131, 221) }
```

Border

The CSS property to change the border of an element to XYZ 56.7640, 39.8038, 73.0977 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(239, 131, 221) }
```


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

```
.border{ border-color:rgb(239, 131, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 131, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 131, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 131, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 131,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7640, 39.8038, 73.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 131, 221) }
```

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

```
.background{ background-color: rgb(239,  
131, 221) }
```

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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