

Converting Colors

XYZ(56.3674, 40.4788, 79.7082)

Have a look what the booklet for
XYZ(56.3674, 40.4788, 79.7082)
contains.

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Color

**XYZ(56.3658, 40.4773,
79.7050)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E888E6 |
| RGB | 232, 136, 230 |
| RGB Percent | 91%, 53%, 90% |
| CMY | 0.0902, 0.4666, 0.0980 |
| CMYK | 0.00, 0.41, 0.01, 0.09 |
| HSL | 301°, 68%, 72% |
| HSV | 301°, 41%, 91% |
| XYZ | 56.3658, 40.4773, 79.7050 |
| YIQ | 175.4200, 27.0420, 49.5860 |

Conversions

Conversions Part 2

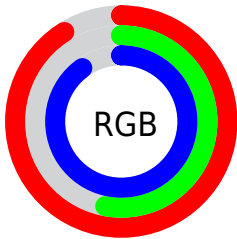
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 232, 136, 230 |
| Decimal | 15239398 |
| CIE _{Lab} | 69.81, 50.21, -32.30 |
| CIE _{LCh} | 70, 59.708, 327.246 |
| Yxy | 40.4773, 0.3193, 0.2293 |
| Android (android.graphics.Color) | 4293429478 (0xFFE888E6) |
| YUV | 175.4200, 26.9079, 49.6207 |
| Hunter-Lab | 63.6218, 46.8042, -29.7429 |

Details

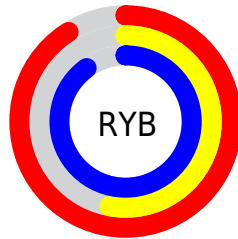
The XYZ color **56.3658, 40.4773, 79.7050** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **43.5991, 64.7839, 34.2537**, and the grayscale version is **40.8214, 42.9473, 46.7696**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **28.4124, 18.3565, 42.0901** is the 20% darker color. If you saturate the color by 10%, you get **53.3778, 34.6090, 78.3748**, and if you desaturate by 10%, it is **60.0638, 47.7635, 81.2736**.

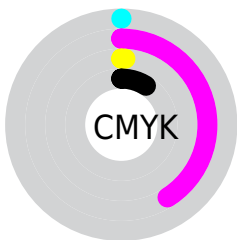
Distribution



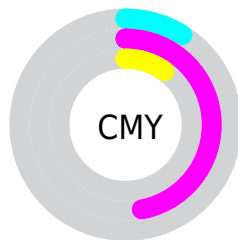
- Red (91%)
- Green (53%)
- Blue (90%)



- Red (91%)
- Yellow (53%)
- Blue (90%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (9%)





- Cyan (9%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3658, 40.4773, 79.7050 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 56.3658, 40.4773, 79.7050 by changing the saturation by 10% instead.


 56.3658, 40.4773,
79.7050

 56.3658, 40.4773,
79.7050


401.1213,
348.1312, 513.6186


 40.7344, 27.9109,
58.9509

 98.6759, 75.8898,
134.7585

 28.2984, 18.2585,
42.1538

 126.0854, 99.5046,
169.8951

 18.6923, 11.1357,
28.8953


 158.1516,
127.5711, 210.6628

 11.5508, 6.1582,
18.7567

195.2399,
160.4736, 257.4803

 6.5086, 2.9415,
11.3196

237.7157,
198.5964, 310.7661

 3.2003, 1.1013,
6.1654

285.9443,

 1.2606, 0.0000,

242.3240, 370.9387

2.8755

340.2910,
292.0408, 438.4167

■ 0.1534, 0.0000,
1.0314

■ 0.0000, 0.0000,
0.0000

■ 56.3658, 40.4773,
79.7050

■ 56.3658, 40.4773,
79.7050

■ 53.3778, 34.6090,
78.3748

■ 60.0638, 47.7635,
81.2736

■ 51.0497, 30.0610,
77.2651


■ 64.5096, 56.5461,
83.0919


■ 49.3313, 26.7320,
76.3596


■ 69.7434, 66.9042,
85.1739


■ 48.1634, 24.5039,
75.6385


■ 75.8011, 78.9099,
87.5314


 47.4752, 23.2348,
75.0783


 82.7165, 92.6307,
90.1758

 47.1673, 22.7113,
74.6911

 83.7332, 94.5536,
90.8548

 83.8023, 94.5813,
91.2190

 83.8717, 94.6090,
91.5841

 83.9412, 94.6369,
91.9503

Harmonies

Analogous

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



47.6485, 40.4773, 110.5706



56.3658, 40.4773, 79.7050



60.2452, 40.4773, 46.6864

Triad

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



56.3658, 40.4773, 79.7050



39.3745, 40.4773, 9.3723



24.1713, 40.4773, 73.2942

Complementary

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



56.3658, 40.4773, 79.7050



43.5991, 64.7839, 34.2537

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.



22.7015, 40.4773, 41.5588



56.3658, 40.4773, 79.7050



30.5573, 40.4773, 11.6185

Square

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



56.3658, 40.4773, 79.7050



49.4590, 40.4773, 12.7046



24.8339, 40.4773, 21.0481



29.2468, 40.4773, 105.9047

Rectangle

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



56.3658, 40.4773, 79.7050



59.1512, 40.4773, 30.0699



24.8339, 40.4773, 21.0481



23.2805, 40.4773, 61.8619

Sweetspot

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



56.3671, 40.4791, 79.7058



85.9508, 81.9656, 105.3612



33.7867, 28.8058, 80.1244



18.2044, 17.1626, 22.4757



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.



56.3671, 40.4791, 79.7058



66.5192, 43.6182, 97.2937



50.5694, 38.1600, 49.1752



14.9815, 14.6098, 18.1028



26.1913, 12.6107, 41.4978



1.9396, 0.9336, 3.0885

Inverse Universe

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



56.3671, 40.4791, 79.7058



66.5192, 43.6182, 97.2937



47.8321, 66.4771, 56.5440



14.9815, 14.6098, 18.1028



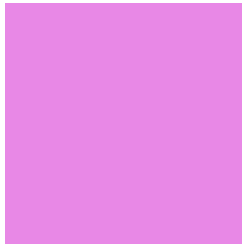
26.1913, 12.6107, 41.4978



1.9396, 0.9336, 3.0885

Previews

White Background



This preview shows how the XYZ color 56.3658, 40.4773, 79.7050 looks on a white background.

Color Contrast Check

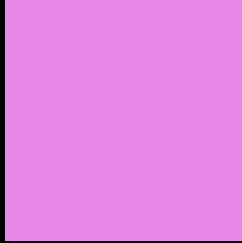
Large Text (above 18pt) WCAG AA × Fail

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 56.3658, 40.4773, 79.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

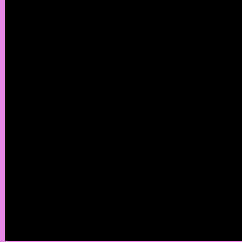
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3658, 40.4773, 79.7050

Background



This preview shows how black text looks on a background with the XYZ color 56.3658, 40.4773, 79.7050.



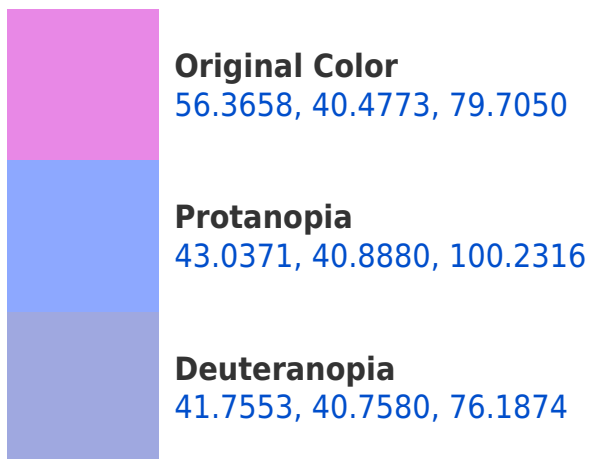
This preview shows how white text looks on a background with the XYZ color 56.3658, 40.4773,

79.7050.

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

48.0196, 40.4298, 39.4552

Trichromacy



Original Color

56.3658, 40.4773, 79.7050



Protanomaly

45.9786, 39.4294, 92.3761



Deuteranomaly

45.8656, 39.7070, 77.1983



Tritanomaly

50.6126, 40.3144, 52.1276

Monochromacy



Original Color

56.3658, 40.4773, 79.7050



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.3601, 41.1656, 57.1848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3658, 40.4773, 79.7050 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(232, 136, 230)` looks like.

```
.text, #text, p{  
    color:rgb(232, 136, 230)  
}
```

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(232, 136, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 136, 230) }
```

Border

The CSS property to change the border of an element to XYZ 56.3658, 40.4773, 79.7050 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(232, 136, 230) }
```


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

```
.border{ border-color:rgb(232, 136, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 136, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 136, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 136, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 136,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3658, 40.4773, 79.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 136, 230) }
```

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

```
.background{ background-color: rgb(232,  
136, 230) }
```

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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