

Converting Colors

XYZ(54.5714, 40.4055, 72.9738)

Have a look what the booklet for
XYZ(54.5714, 40.4055, 72.9738)
contains.

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Color

**XYZ(54.4640, 40.2906,
72.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	E58BDC
RGB	229, 139, 220
RGB Percent	90%, 55%, 86%
CMY	0.1020, 0.4549, 0.1373
CMYK	0.00, 0.39, 0.04, 0.10
HSL	306°, 63%, 72%
HSV	306°, 39%, 90%
XYZ	54.4640, 40.2906, 72.6164
YIQ	175.1440, 27.6390, 44.2710

Conversions

Conversions Part 2

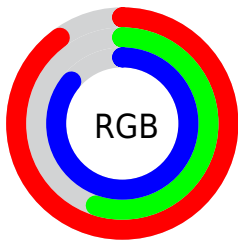
Format	Color
R_{YB}	229, 139, 220
Decimal	15043548
CIE _{Lab}	69.68, 46.01, -27.02
CIE _{LCh}	70, 53.354, 329.572
Yxy	40.2906, 0.3254, 0.2407
Android (android.graphics.Color)	4293233628 (0xFFE58BDC)
YUV	175.1440, 22.1140, 47.2317
Hunter-Lab	63.4749, 42.0792, -23.3964

Details

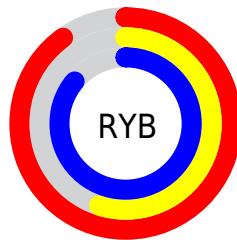
The XYZ color **54.4640, 40.2906, 72.6164** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.0138, 63.6671, 37.9887**, and the grayscale version is **40.7024, 42.8221, 46.6333**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **27.1326, 18.1428, 37.6692** is the 20% darker color. If you saturate the color by 10%, you get **51.1881, 34.2201, 70.0384**, and if you desaturate by 10%, it is **58.4411, 47.7552, 75.4494**.

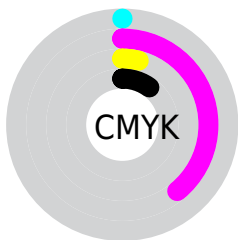
Distribution



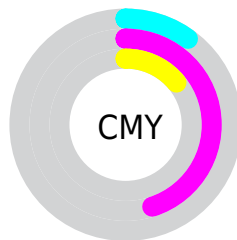
- Red (90%)
- Green (55%)
- Blue (86%)



- Red (90%)
- Yellow (55%)
- Blue (86%)



- Cyan (0%)
- Magenta (39%)
- Yellow (4%)
- Black (10%)





- Cyan (10%)
- Magenta (45%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4640, 40.2906, 72.6164 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 54.4640, 40.2906, 72.6164 by changing the saturation by 10% instead.


 54.4640, 40.2906,
72.6164


 54.4640, 40.2906,
72.6164


394.0465,
347.3469, 488.7193


 39.2049, 27.7652,
53.1724

 95.9081, 75.6058,
124.6483

 27.1006, 18.1487,
37.5518


 122.8238, 99.1644,
158.0734

 17.7858, 11.0568,
25.3359


 154.3557,
127.1696, 196.9960

 10.8950, 6.1051,
16.1062

190.8693,
160.0056, 241.8345

 6.0631, 2.9091,
9.4441

232.7297,
198.0570, 293.0075

 2.9245, 1.0844,
4.9313

280.3025,

 1.1140, 0.0000,

241.7080, 350.9337

2.1489

333.9530,
291.3432, 416.0314

■ 0.0367, 0.0000,
0.6447

■ 0.0000, 0.0000,
0.0000

■ 54.4640, 40.2906,
72.6164

■ 54.4640, 40.2906,
72.6164

■ 51.1881, 34.2201,
70.0384

■ 58.4411, 47.7552,
75.4494

■ 48.5657, 29.4509,
67.6984

■ 63.1554, 56.6884,
78.5483

■ 46.5496, 25.8875,
65.5807

■ 68.6452, 67.1657,
81.9264

■ 45.0841, 23.4189,
63.6668

■ 74.9448, 79.2560,
85.5952

44.1036, 21.9137,
61.9348

82.0866, 93.0239,
89.5655

43.5030, 21.1619,
60.3495

82.8878, 94.1039,
91.4432

43.4661, 21.1193,
60.2409

83.2186, 94.2363,
93.1850

83.5536, 94.3703,
94.9494

83.8930, 94.5060,
96.7363

Harmonies

Analogous

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



47.0845, 40.2906, 99.5605



54.4640, 40.2906, 72.6164



57.4060, 40.2906, 44.2254

Triad

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



54.4640, 40.2906, 72.6164



38.4190, 40.2906, 11.4367



25.5971, 40.2906, 71.7598

Complementary

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



54.4640, 40.2906, 72.6164



44.0138, 63.6671, 37.9887

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.



23.9798, 40.2906, 43.5157



54.4640, 40.2906, 72.6164



30.6737, 40.2906, 14.1538

Square

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



54.4640, 40.2906, 72.6164



47.3312, 40.2906, 14.3214



25.6919, 40.2906, 23.9304



30.4890, 40.2906, 98.9489

Rectangle

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



54.4640, 40.2906, 72.6164



56.1595, 40.2906, 29.7944



25.6919, 40.2906, 23.9304



24.6883, 40.2906, 61.7984

Sweetspot

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



54.4653, 40.2924, 72.6172



85.5644, 81.8110, 103.3267



35.5901, 30.4204, 78.1256



18.1128, 17.1260, 21.9933



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.



54.4653, 40.2924, 72.6172



66.1046, 45.1017, 90.0263



49.2852, 38.2204, 45.3391



14.9297, 14.5891, 17.8303



24.8771, 12.0850, 34.5772



1.8564, 0.9003, 2.6503

Inverse Universe

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



54.4653, 40.2924, 72.6172



66.1046, 45.1017, 90.0263



48.2940, 65.3792, 60.5279



14.9297, 14.5891, 17.8303



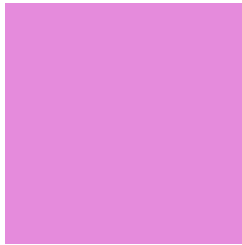
24.8771, 12.0850, 34.5772



1.8564, 0.9003, 2.6503

Previews

White Background



This preview shows how the XYZ color 54.4640, 40.2906, 72.6164 looks on a white background.

Color Contrast Check

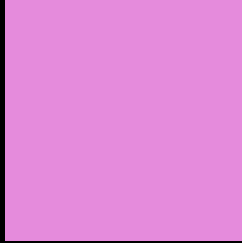
Large Text (above 18pt) WCAG AA × Fail

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 54.4640, 40.2906, 72.6164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

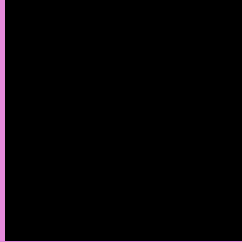
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4640, 40.2906, 72.6164

Background



This preview shows how black text looks on a background with the XYZ color 54.4640, 40.2906, 72.6164.



This preview shows how white text looks on a background with the XYZ color 54.4640, 40.2906,

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

54.4640, 40.2906, 72.6164

Protanopia

42.0623, 40.6191, 89.6278

Deuteranopia

41.3943, 40.4362, 69.9132



Tritanopia

47.7124, 40.2714, 39.4409

Trichromacy



Original Color

54.4640, 40.2906, 72.6164



Protanomaly

45.0397, 39.4016, 83.0733



Deuteranomaly

45.3204, 39.8151, 70.9421



Tritanomaly

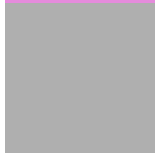
50.0323, 40.2939, 49.9403

Monochromacy



Original Color

54.4640, 40.2906, 72.6164



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.8300, 41.2044, 54.8807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4640, 40.2906, 72.6164 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(229, 139, 220)` looks like.

```
.text, #text, p{  
    color:rgb(229, 139, 220)  
}
```

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(229, 139, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 139, 220) }
```

Border

The CSS property to change the border of an element to XYZ 54.4640, 40.2906, 72.6164 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(229, 139, 220) }
```


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

```
.border{ border-color:rgb(229, 139, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 139, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 139, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 139, 220);  
box-shadow:4px 4px 4px 4px rgb(229, 139,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4640, 40.2906, 72.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 139, 220) }
```

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

```
.background{ background-color: rgb(229,  
139, 220) }
```

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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