

Converting Colors

XYZ(54.6121, 40.8017, 77.0889)

Have a look what the booklet for
XYZ(54.6121, 40.8017, 77.0889)
contains.

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Color

**XYZ(54.6164, 40.7095,
76.9306)**

Conversions

Conversions Part 1

Format	Color
Hex	E28DE2
RGB	226, 141, 226
RGB Percent	89%, 55%, 89%
CMY	0.1137, 0.4470, 0.1137
CMYK	0.00, 0.38, 0.00, 0.11
HSL	300°, 59%, 72%
HSV	300°, 38%, 89%
XYZ	54.6164, 40.7095, 76.9306
YIQ	176.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

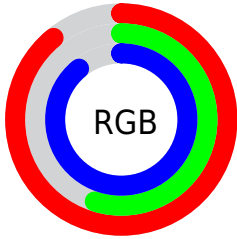
Format	Color
R _Y B	226, 141, 226
Decimal	14847458
CIE Lab	69.97, 45.12, -29.91
CIE LCh	70, 54.128, 326.462
Yxy	40.7095, 0.3171, 0.2363
Android (android.graphics.Color)	4293037538 (0xFFE28DE2)
YUV	176.1050, 24.5982, 43.7579
Hunter-Lab	63.8040, 41.1395, -26.8251

Details

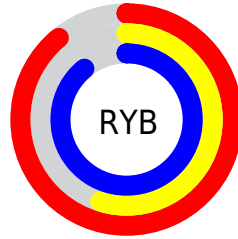
The XYZ color **54.6164, 40.7095, 76.9306** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **42.9903, 61.9800, 34.8991**, and the grayscale version is **41.1900, 43.3351, 47.1919**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **27.1076, 18.3167, 40.1370** is the 20% darker color. If you saturate the color by 10%, you get **51.6183, 34.7125, 75.9315**, and if you desaturate by 10%, it is **58.2971, 48.0699, 78.1580**.

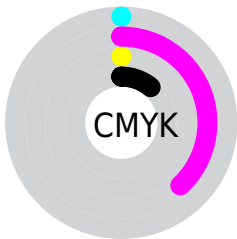
Distribution



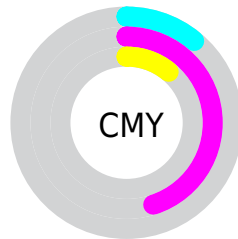
- Red (89%)
- Green (55%)
- Blue (89%)



- Red (89%)
- Yellow (55%)
- Blue (89%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6164, 40.7095, 76.9306 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 54.6164, 40.7095, 76.9306 by changing the saturation by 10% instead.


 54.6164, 40.7095,
76.9306

 54.6164, 40.7095,
76.9306


394.6163,
349.1050, 503.9588

 39.3273, 28.0922,
56.6847

 96.1303, 76.2427,
130.8136

 27.1963, 18.3951,
40.3445

 123.0858, 99.9274,
165.2878

 17.8581, 11.2341,
27.4914


154.6609,
128.0699, 205.3419

 10.9472, 6.2245,
17.7069

191.2208,
161.0548, 251.3943

 6.0984, 2.9821,
10.5725

233.1309,
199.2663, 303.8637

 2.9462, 1.1224,
5.6696

280.7566,

 1.1254, 0.0000,

243.0889, 363.1685

2.5797

334.4633,
292.9070, 429.7274

■ 0.0462, 0.0000,
0.8820

■ 0.0000, 0.0000,
0.0000

■ 54.6164, 40.7095,
76.9306

■ 54.6164, 40.7095,
76.9306

■ 51.6183, 34.7125,
75.9315

■ 58.2971, 48.0699,
78.1580

■ 49.2571, 29.9902,
75.1443


■ 62.6944, 56.8645,
79.6240


■ 47.4880, 26.4520,
74.5544


■ 67.8450, 67.1657,
81.3410


■ 46.2586, 23.9932,
74.1445


■ 73.7818, 79.0393,
83.3201


 45.5073, 22.4907,
73.8939


 80.5359, 92.5475,
85.5716


 45.1506, 21.7773,
73.7749

 80.8523, 93.1801,
85.6772

 45.0919, 21.6600,
73.7553

 80.8523, 93.1801,
85.6774

 80.8523, 93.1801,
85.6775

 80.8524, 93.1801,
85.6777

Harmonies

Analogous

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



46.7511, 40.7095, 103.5571



54.6164, 40.7095, 76.9306



58.2034, 40.7095, 47.3901

Triad

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



54.6164, 40.7095, 76.9306



39.7489, 40.7095, 11.3778



25.4125, 40.7095, 69.6761

Complementary

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



54.6164, 40.7095, 76.9306



42.9903, 61.9800, 34.8991

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.



24.1173, 40.7095, 41.3963



54.6164, 40.7095, 76.9306



31.6188, 40.7095, 13.5169

Square

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



54.6164, 40.7095, 76.9306



48.8371, 40.7095, 14.9203



26.2113, 40.7095, 22.5461



30.0611, 40.7095, 98.3704

Rectangle

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



54.6164, 40.7095, 76.9306



57.3377, 40.7095, 31.9398



26.2113, 40.7095, 22.5461



24.6042, 40.7095, 59.5597

Sweetspot

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



54.6177, 40.7113, 76.9315



86.7454, 83.3908, 106.1316



34.2387, 30.2055, 75.9783



18.3667, 17.4484, 22.6497



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.



54.6177, 40.7113, 76.9315



68.7045, 47.3092, 100.1173



49.4899, 38.6602, 49.9287



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Inverse Universe

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



54.6177, 40.7113, 76.9315



68.7045, 47.3092, 100.1173



46.7819, 63.4966, 54.8653



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0767



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 54.6164, 40.7095, 76.9306 looks on a white background.

Color Contrast Check

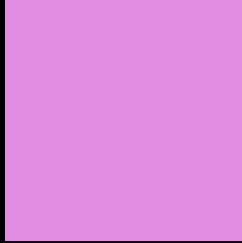
Large Text (above 18pt) WCAG AA × Fail

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 54.6164, 40.7095, 76.9306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

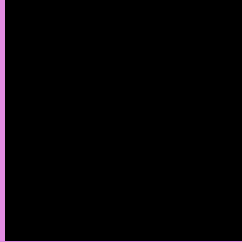
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6164, 40.7095, 76.9306

Background



This preview shows how black text looks on a background with the XYZ color 54.6164, 40.7095, 76.9306.



This preview shows how white text looks on a background with the XYZ color 54.6164, 40.7095,

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

54.6164, 40.7095, 76.9306

Protanopia

42.8305, 41.2023, 93.6911

Deuteranopia

41.9541, 40.9071, 74.0913



Tritanopia

47.2606, 40.7332, 40.9687

Trichromacy



Original Color

54.6164, 40.7095, 76.9306



Protanomaly

45.6573, 40.1422, 87.0032



Deuteranomaly

45.5537, 40.0957, 75.1503



Tritanomaly

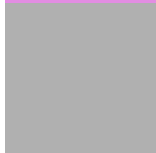
49.5359, 40.4549, 52.2115

Monochromacy



Original Color

54.6164, 40.7095, 76.9306



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.0829, 41.5588, 56.6845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6164, 40.7095, 76.9306 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(226, 141, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 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(226, 141, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.6164, 40.7095, 76.9306 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(226, 141, 226) }
```


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

```
.border{ border-color:rgb(226, 141, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 141, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 141, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 141, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 141,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6164, 40.7095, 76.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 141, 226) }
```

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

```
.background{ background-color: rgb(226,  
141, 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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