

Converting Colors

XYZ(61.2932, 54.7444, 76.2026)

Have a look what the booklet for
XYZ(61.2932, 54.7444, 76.2026)
contains.

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Color

**XYZ(61.3872, 54.6526,
76.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B5DE
RGB	227, 181, 222
RGB Percent	89%, 71%, 87%
CMY	0.1098, 0.2902, 0.1294
CMYK	0.00, 0.20, 0.02, 0.11
HSL	307°, 45%, 80%
HSV	307°, 20%, 89%
XYZ	61.3872, 54.6526, 76.4208
YIQ	199.4280, 14.2550, 22.5030

Conversions

Conversions Part 2

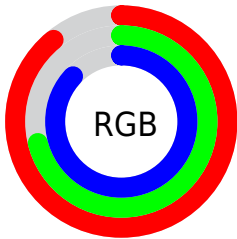
Format	Color
RYB	227, 181, 222
Decimal	14923230
CIELab	78.84, 23.40, -14.22
CIELCh	79, 27.383, 328.716
Yxy	54.6526, 0.3190, 0.2840
Android (android.graphics.Color)	4293113310 (0xFFE3B5DE)
YUV	199.4280, 11.1280, 24.1806
Hunter-Lab	73.9274, 18.8484, -9.5405

Details

The XYZ color **61.3872, 54.6526, 76.4208** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.3902, 68.3086, 56.7229**, and the grayscale version is **54.4774, 57.3145, 62.4155**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **31.4888, 26.8863, 40.0891** is the 20% darker color. If you saturate the color by 10%, you get **56.8145, 46.0317, 73.2772**, and if you desaturate by 10%, it is **66.7201, 64.7842, 79.8429**.

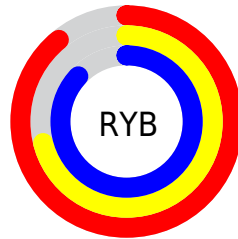
Distribution



Red (89%)

Green (71%)

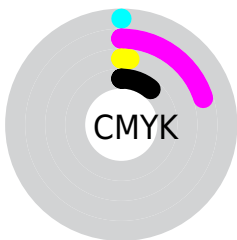
Blue (87%)



Red (89%)

Yellow (71%)

Blue (87%)

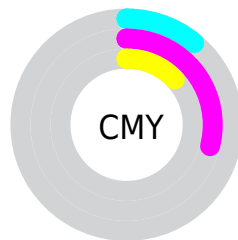


Cyan (0%)

Magenta (20%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3872, 54.6526, 76.4208 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 61.3872, 54.6526, 76.4208 by changing the saturation by 10% instead.

61.3872, 54.6526,
76.4208

61.3872, 54.6526,
76.4208

419.4455,
404.5937, 502.1721

44.7915, 39.1237,
56.2689

105.9343, 97.0318,
130.0871

31.4938, 26.8559,
40.0131

134.6164,
124.6508, 164.4386

21.1288, 17.4651,
27.2349

168.0580,
157.0686, 204.3603

13.3312, 10.5666,
17.5157

206.6244,
194.6696, 250.2709

7.7356, 5.7762,
10.4370

250.6810,
237.8383, 302.5888

3.9766, 2.7095,
5.5803

300.5931,

1.6889, 0.9820,

286.9589, 361.7326

2.5270

356.7262,
342.4159, 428.1209

■ 0.4493, 0.0000,
0.8544

■ 0.0000, 0.0000,
0.0000

■ 61.3872, 54.6526,
76.4208

■ 61.3872, 54.6526,
76.4208

■ 56.8145, 46.0317,
73.2772

■ 66.7201, 64.7842,
79.8429

■ 52.9605, 38.8416,
70.3964

■ 72.8420, 76.4872,
83.5513

■ 49.7876, 33.0058,
67.7663

■ 79.7866, 89.8275,
87.5581

■ 47.2525, 28.4381,
65.3724

■ 81.9862, 93.6700,
90.0073

45.3071, 25.0420,
63.1985

82.3390, 93.8111,
91.8653

43.8963, 22.7075,
61.2262

82.6968, 93.9542,
93.7493

42.9544, 21.3035,
59.4335

83.0595, 94.0993,
95.6594

42.3781, 20.6108,
57.8237

83.4272, 94.2464,
97.5958

83.7999, 94.3955,
99.5584

Harmonies

Analogous

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



57.1244, 54.6526, 89.7657



61.3872, 54.6526, 76.4208



63.0964, 54.6526, 60.1797

Triad

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



61.3872, 54.6526, 76.4208



52.1799, 54.6526, 34.3436



43.3180, 54.6526, 75.0584

Complementary

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



61.3872, 54.6526, 76.4208



55.3902, 68.3086, 56.7229

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.



42.1927, 54.6526, 58.8402



61.3872, 54.6526, 76.4208



47.0898, 54.6526, 36.9505

Square

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



61.3872, 54.6526, 76.4208



57.5570, 54.6526, 37.4401



43.5255, 54.6526, 45.2940



46.7114, 54.6526, 88.8877

Rectangle

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



61.3872, 54.6526, 76.4208



62.4730, 54.6526, 50.4205



43.5255, 54.6526, 45.2940



42.6728, 54.6526, 69.6252

Sweetspot

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



61.3888, 54.6550, 76.4220



90.0952, 90.5170, 105.9331



50.5441, 48.9857, 79.4651



19.1736, 19.1633, 22.6067



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.



61.3888, 54.6550, 76.4220



77.4845, 66.5535, 97.8519



58.5596, 53.5233, 61.5235



14.9241, 14.5868, 17.8005



24.7414, 12.0308, 33.8628



1.8477, 0.8968, 2.6046

Inverse Universe

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



61.3888, 54.6550, 76.4220



77.4845, 66.5535, 97.8519



57.9862, 69.3470, 70.3932



14.9241, 14.5868, 17.8005



24.7414, 12.0308, 33.8628



1.8477, 0.8968, 2.6046

Previews

White Background



This preview shows how the XYZ color 61.3872, 54.6526, 76.4208 looks on a white background.

Color Contrast Check

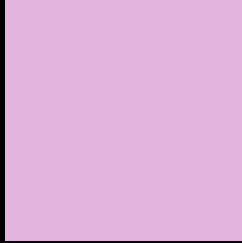
Large Text (above 18pt) WCAG AA × Fail

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 61.3872, 54.6526, 76.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

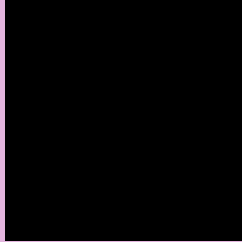
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3872, 54.6526, 76.4208

Background



This preview shows how black text looks on a background with the XYZ color 61.3872, 54.6526, 76.4208.



This preview shows how white text looks on a background with the XYZ color 61.3872, 54.6526,

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

61.3872, 54.6526, 76.4208

Protanopia

54.3138, 54.9881, 82.6140

Deuteranopia

55.9603, 54.6907, 75.3171



Tritanopia

58.3982, 54.6687, 61.5070

Trichromacy



Original Color

61.3872, 54.6526, 76.4208

Protanomaly

56.4198, 54.4978, 80.2185

Deuteranomaly

57.9728, 54.7582, 75.9205

Tritanomaly

59.4543, 54.7935, 66.4741

Monochromacy



Original Color

61.3872, 54.6526, 76.4208

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.4066, 55.7596, 66.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3872, 54.6526, 76.4208 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(227, 181, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 222)  
}
```

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(227, 181, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.3872, 54.6526, 76.4208 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(227, 181, 222) }
```


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

```
.border{ border-color:rgb(227, 181, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3872, 54.6526, 76.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 222) }
```

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

```
.background{ background-color: rgb(227,  
181, 222) }
```

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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