

Converting Colors

XYZ(61.0231, 54.9283, 72.1592)

Have a look what the booklet for
XYZ(61.0231, 54.9283, 72.1592)
contains.

XYZ(61.1175, 54.9077, 72.3428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.1175, 54.9077,
72.3428)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B6D8
RGB	228, 182, 216
RGB Percent	89%, 71%, 85%
CMY	0.1059, 0.2863, 0.1529
CMYK	0.00, 0.20, 0.05, 0.11
HSL	316°, 46%, 80%
HSV	316°, 20%, 89%
XYZ	61.1175, 54.9077, 72.3428
YIQ	199.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

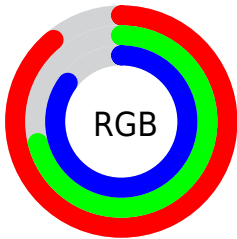
Format	Color
R _Y B	228, 182, 216
Decimal	14989016
CIE Lab	78.99, 22.13, -10.75
CIE LCh	79, 24.604, 334.103
Yxy	54.9077, 0.3245, 0.2915
Android (android.graphics.Color)	4293179096 (0xFFE4B6D8)
YUV	199.6300, 8.0704, 24.8805
Hunter-Lab	74.0997, 17.5524, -6.0144

Details

The XYZ color **61.1175, 54.9077, 72.3428** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.7745, 69.3284, 61.4313**, and the grayscale version is **54.6184, 57.4628, 62.5770**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.2965, 27.0444, 37.2888** is the 20% darker color. If you saturate the color by 10%, you get **56.0682, 46.0168, 66.9343**, and if you desaturate by 10%, it is **66.9581, 65.3349, 78.1536**.

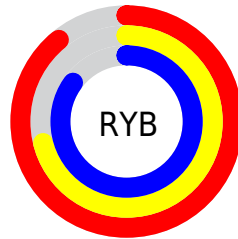
Distribution



Red (89%)

Green (71%)

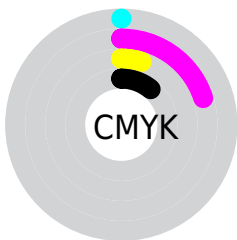
Blue (85%)



Red (89%)

Yellow (71%)

Blue (85%)

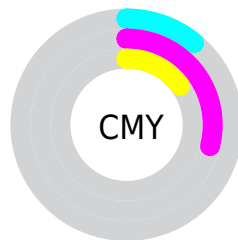


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1175, 54.9077, 72.3428 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 61.1175, 54.9077, 72.3428 by changing the saturation by 10% instead.

61.1175, 54.9077,
72.3428

61.1175, 54.9077,
72.3428

418.4737,
405.5620, 487.7435

44.5729, 39.3278,
52.9502

105.5462, 97.4057,
124.2560

31.3210, 27.0149,
37.3756

134.1610,
125.0926, 157.6137

20.9964, 17.5844,
25.2003

167.5299,
157.5840, 196.4636

13.2338, 10.6520,
16.0060

206.0183,
195.2643, 241.2241

7.6679, 5.8334,
9.3740

249.9916,
238.5178, 292.3138

3.9332, 2.7440,
4.8858

299.8150,

1.6644, 0.9996,

287.7290, 350.1512

2.1228

355.8539,
343.2823, 415.1549

■ 0.4338, 0.0000,
0.6293

■ 0.0000, 0.0000,
0.0000

■ 61.1175, 54.9077,
72.3428

■ 61.1175, 54.9077,
72.3428

■ 56.0682, 46.0168,
66.9343

■ 66.9581, 65.3349,
78.1536

■ 51.7682, 38.5814,
61.9110

■ 73.6197, 77.3599,
84.3763

■ 48.1792, 32.5243,
57.2591

■ 81.1362, 91.0494,
91.0241

■ 45.2572, 27.7580,
52.9625

■ 83.4530, 94.2932,
96.0802

■ 42.9532, 24.1852,
49.0035

■ 84.3504, 94.6522,
100.8061

■ 41.2115, 21.6946,
45.3618

■ 85.2771, 95.0229,
105.6859

■ 39.9654, 20.1537,
42.0137

■ 85.8053, 95.2342,
108.4674

■ 39.1115, 19.3407,
38.9709

Harmonies

Analogous

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



57.6429, 54.9077, 84.9872



61.1175, 54.9077, 72.3428



62.1462, 54.9077, 57.8781

Triad

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



61.1175, 54.9077, 72.3428



51.5179, 54.9077, 36.7353



44.7788, 54.9077, 76.2008

Complementary

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



61.1175, 54.9077, 72.3428



56.7745, 69.3284, 61.4313

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.



43.3551, 54.9077, 61.7336



61.1175, 54.9077, 72.3428



47.0888, 54.9077, 40.1341

Square

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



61.1175, 54.9077, 72.3428



56.4062, 54.9077, 38.6743



44.1738, 54.9077, 48.7719



48.1858, 54.9077, 87.4477

Rectangle

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



61.1175, 54.9077, 72.3428



61.2560, 54.9077, 49.4428



44.1738, 54.9077, 48.7719



44.0624, 54.9077, 71.4776

Sweetspot

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



61.1191, 54.9101, 72.3440



89.7257, 90.3692, 103.9877



52.8538, 50.4634, 80.3544



19.0861, 19.1283, 22.1457



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.



61.1191, 54.9101, 72.3440



76.0722, 65.9886, 90.4149



58.4063, 53.8250, 58.0584



14.8261, 14.5476, 17.2847



22.6352, 11.1883, 22.7716



1.7102, 0.8418, 1.8803

Inverse Universe

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



61.1191, 54.9101, 72.3440



76.0722, 65.9886, 90.4149



59.4961, 70.4171, 75.7627



14.8261, 14.5476, 17.2847



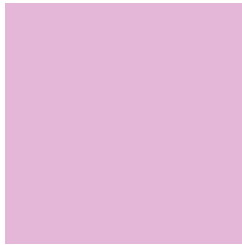
22.6352, 11.1883, 22.7716



1.7102, 0.8418, 1.8803

Previews

White Background



This preview shows how the XYZ color 61.1175, 54.9077, 72.3428 looks on a white background.

Color Contrast Check

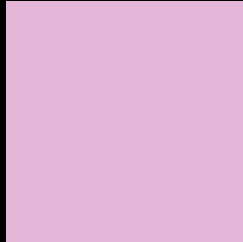
Large Text (above 18pt) WCAG AA × Fail

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 61.1175, 54.9077, 72.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

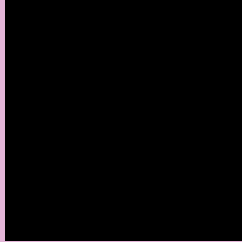
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1175, 54.9077, 72.3428

Background



This preview shows how black text looks on a background with the XYZ color 61.1175, 54.9077, 72.3428.



This preview shows how white text looks on a background with the XYZ color 61.1175, 54.9077,

72.3428.

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

61.1175, 54.9077, 72.3428

Protanopia

54.2322, 55.0418, 78.2868

Deuteranopia

56.0047, 54.8038, 71.2447



Tritanopia

59.0218, 54.9902, 61.5362

Trichromacy



Original Color

61.1175, 54.9077, 72.3428

Protanomaly

56.3664, 54.8847, 76.0296

Deuteranomaly

57.7676, 54.7431, 71.8118

Tritanomaly

59.8385, 55.0197, 65.2236

Monochromacy



Original Color

61.1175, 54.9077, 72.3428

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.7889, 56.2978, 66.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1175, 54.9077, 72.3428 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(228, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 182, 216)  
}
```

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(228, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 182, 216) }
```

Border

The CSS property to change the border of an element to XYZ 61.1175, 54.9077, 72.3428 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(228, 182, 216) }
```


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

```
.border{ border-color:rgb(228, 182, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 182, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 182, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 182, 216);  
box-shadow:4px 4px 4px 4px rgb(228, 182,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1175, 54.9077, 72.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 182, 216) }
```

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

```
.background{ background-color: rgb(228,  
182, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor