

Converting Colors

XYZ(60.6847, 54.1255, 72.1654)

Have a look what the booklet for
XYZ(60.6847, 54.1255, 72.1654)
contains.

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Color

**XYZ(60.7108, 54.0944,
72.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B4D8
RGB	228, 180, 216
RGB Percent	89%, 71%, 85%
CMY	0.1059, 0.2941, 0.1529
CMYK	0.00, 0.21, 0.05, 0.11
HSL	315°, 47%, 80%
HSV	315°, 21%, 89%
XYZ	60.7108, 54.0944, 72.2072
YIQ	198.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

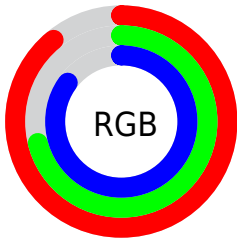
Format	Color
R_{YB}	228, 180, 216
Decimal	14988504
CIE _{Lab}	78.52, 23.21, -11.45
CIE _{LCh}	79, 25.876, 333.738
Yxy	54.0944, 0.3246, 0.2893
Android (android.graphics.Color)	4293178584 (0xFFE4B4D8)
YUV	198.4560, 8.6492, 25.9101
Hunter-Lab	73.5489, 18.6319, -6.7242

Details

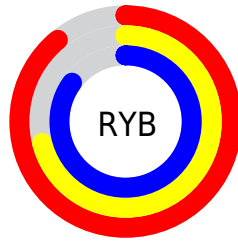
The XYZ color **60.7108, 54.0944, 72.2072** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0824, 68.9973, 60.2342**, and the grayscale version is **53.8970, 56.7039, 61.7505**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **31.0357, 26.5226, 37.2018** is the 20% darker color. If you saturate the color by 10%, you get **55.7573, 45.3458, 66.9832**, and if you desaturate by 10%, it is **66.4501, 64.3722, 77.8205**.

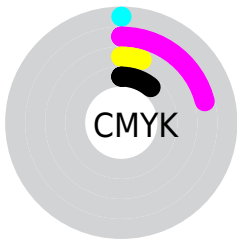
Distribution



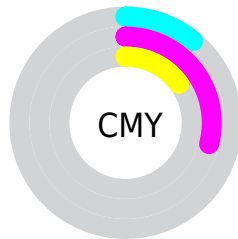
- Red (89%)
- Green (71%)
- Blue (85%)



- Red (89%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7108, 54.0944, 72.2072 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 60.7108, 54.0944, 72.2072 by changing the saturation by 10% instead.


 60.7108, 54.0944,
72.2072

 60.7108, 54.0944,
72.2072


417.0057,
402.4699, 487.2594

 44.2435, 38.6771,
52.8401


 104.9606, 96.2128,
124.0615

 31.0607, 26.5087,
37.2883


133.4737,
123.6828, 157.3858

 20.7971, 17.2046,
25.1332


166.7329,
155.9391, 196.1996

 13.0874, 10.3804,
15.9564

205.1033,
193.3662, 240.9214

 7.5662, 5.6519,
9.3393

248.9505,
236.3484, 291.9697

 3.8681, 2.6346,
4.8633

298.6397,

 1.6278, 0.9441,

285.2702, 349.7631

2.1100

354.5363,
340.5159, 414.7202

■ 0.4104, 0.0000,
0.6217

■ 0.0000, 0.0000,
0.0000

■ 60.7108, 54.0944,
72.2072

■ 60.7108, 54.0944,
72.2072

■ 55.7573, 45.3458,
66.9832

■ 66.4501, 64.3722,
77.8205

■ 51.5477, 38.0451,
62.1314

■ 73.0052, 76.2409,
83.8326

■ 48.0431, 32.1144,
57.6383

■ 80.4102, 89.7678,
90.2565

■ 45.1993, 27.4656,
53.4878

■ 83.3061, 94.2345,
95.3073

■ 42.9669, 24.0004,
49.6620

■ 84.1610, 94.5764,
99.8087

■ 41.2892, 21.6059,
46.1409

■ 85.0426, 94.9291,
104.4513

■ 40.0987, 20.1473,
42.9004

■ 85.8052, 95.2341,
108.4674

■ 39.3455, 19.4343,
40.2036

Harmonies

Analogous

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



57.0505, 54.0944, 85.4487



60.7108, 54.0944, 72.2072



61.8240, 54.0944, 57.0892

Triad

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



60.7108, 54.0944, 72.2072



50.7790, 54.0944, 35.1035



43.6908, 54.0944, 75.8976

Complementary

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



60.7108, 54.0944, 72.2072



56.0824, 68.9973, 60.2342

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.



42.2455, 54.0944, 60.7479



60.7108, 54.0944, 72.2072



46.1636, 54.0944, 38.5125

Square

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



60.7108, 54.0944, 72.2072



55.8730, 54.0944, 37.1508



43.1203, 54.0944, 47.3366



47.2009, 54.0944, 87.8145

Rectangle

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



60.7108, 54.0944, 72.2072



60.9148, 54.0944, 48.3113



43.1203, 54.0944, 47.3366



42.9583, 54.0944, 70.9319

Sweetspot

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



60.7124, 54.0968, 72.2083



89.7520, 90.3797, 104.1258



52.0654, 49.4532, 80.2008



19.0923, 19.1308, 22.1784



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.



60.7124, 54.0968, 72.2083



75.5144, 64.8664, 90.2492



57.8325, 52.9448, 57.0430



14.8331, 14.5504, 17.3212



22.7691, 11.2419, 23.4771



1.7191, 0.8454, 1.9274

Inverse Universe

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



60.7124, 54.0968, 72.2083



75.5144, 64.8664, 90.2492



58.9623, 70.1493, 75.3997



14.8331, 14.5504, 17.3212



22.7691, 11.2419, 23.4771



1.7191, 0.8454, 1.9274

Previews

White Background



This preview shows how the XYZ color 60.7108, 54.0944, 72.2072 looks on a white background.

Color Contrast Check

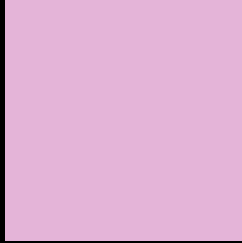
Large Text (above 18pt) WCAG AA × Fail

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 60.7108, 54.0944, 72.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

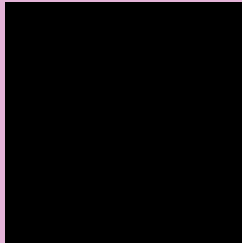
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7108, 54.0944, 72.2072

Background



This preview shows how black text looks on a background with the XYZ color 60.7108, 54.0944, 72.2072.



This preview shows how white text looks on a background with the XYZ color 60.7108, 54.0944,

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

60.7108, 54.0944, 72.2072

Protanopia

53.5108, 54.3406, 78.1895

Deuteranopia

55.2370, 54.0876, 71.1470



Tritanopia

58.3756, 54.0669, 60.1826

Trichromacy



Original Color

60.7108, 54.0944, 72.2072

Protanomaly

55.6630, 53.8834, 75.8734

Deuteranomaly

57.2652, 54.1702, 71.7277

Tritanomaly

59.3056, 54.1464, 64.4523

Monochromacy



Original Color

60.7108, 54.0944, 72.2072

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9447, 55.2247, 65.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7108, 54.0944, 72.2072 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, 180, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 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, 180, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 216) }
```

Border

The CSS property to change the border of an element to XYZ 60.7108, 54.0944, 72.2072 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, 180, 216) }
```


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

```
.border{ border-color:rgb(228, 180, 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, 180, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 216);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7108, 54.0944, 72.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 216) }
```

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

```
.background{ background-color: rgb(228,  
180, 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](#).

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