

Converting Colors

XYZ(62.7943, 54.2327, 74.2995)

Have a look what the booklet for
XYZ(62.7943, 54.2327, 74.2995)
contains.

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Color

**XYZ(62.7693, 54.2209,
74.1752)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB1DB
RGB	235, 177, 219
RGB Percent	92%, 69%, 86%
CMY	0.0784, 0.3059, 0.1412
CMYK	0.00, 0.25, 0.07, 0.08
HSL	317°, 59%, 81%
HSV	317°, 25%, 92%
XYZ	62.7693, 54.2209, 74.1752
YIQ	199.1300, 21.0860, 25.3580

Conversions

Conversions Part 2

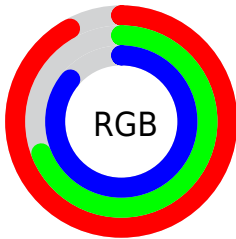
Format	Color
R _Y B	235, 177, 219
Decimal	15446491
CIE Lab	78.59, 27.70, -12.89
CIE LCh	79, 30.554, 335.041
Yxy	54.2209, 0.3284, 0.2836
Android (android.graphics.Color)	4293636571 (0xFFEBB1DB)
YUV	199.1300, 9.7959, 31.4580
Hunter-Lab	73.6348, 23.2996, -8.1807

Details

The XYZ color **62.7693, 54.2209, 74.1752** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.4677, 72.6157, 61.4427**, and the grayscale version is **54.2999, 57.1277, 62.2121**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **32.4989, 26.6793, 38.5587** is the 20% darker color. If you saturate the color by 10%, you get **57.6846, 45.3902, 68.3512**, and if you desaturate by 10%, it is **68.6897, 64.6682, 80.4430**.

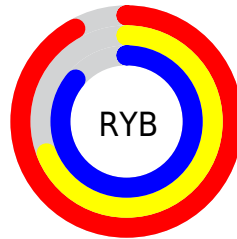
Distribution



Red (92%)

Green (69%)

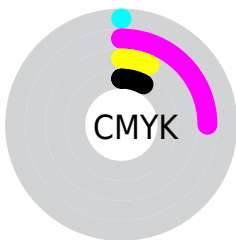
Blue (86%)



Red (92%)

Yellow (69%)

Blue (86%)

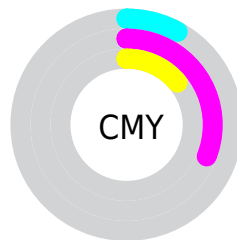


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (8%)



Cyan (8%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7693, 54.2209, 74.1752 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 62.7693, 54.2209, 74.1752 by changing the saturation by 10% instead.

62.7693, 54.2209,
74.1752

62.7693, 54.2209,
74.1752

424.4047,
402.9518, 494.2574

45.9125, 38.7783,
54.4398

107.9203, 96.3985,
126.8805

32.3811, 26.5873,
38.5578

136.9452,
123.9023, 160.6874

21.8097, 17.2635,
26.1107

170.7570,
156.1953, 200.0219

13.8330, 10.4226,
16.6800

209.7208,
193.6619, 245.3026

8.0855, 5.6800,
9.8471

254.2022,
236.6864, 296.9479

4.2020, 2.6515,
5.1934

304.5664,

1.8170, 0.9526,

285.6533, 355.3765

2.3005

361.1788,
340.9470, 421.0068

■ 0.5279, 0.0000,
0.7315

■ 0.0000, 0.0000,
0.0000

■ 62.7693, 54.2209,
74.1752

■ 62.7693, 54.2209,
74.1752

■ 57.6846, 45.3902,
68.3512

■ 68.6897, 64.6682,
80.4430

■ 53.3895, 38.0869,
62.9520

■ 75.4795, 76.8011,
87.1658

■ 49.8405, 32.2240,
57.9619

■ 83.1760, 90.6933,
94.3586

■ 46.9882, 27.7029,
53.3623

■ 86.4928, 95.7710,
100.2608

■ 44.7766, 24.4125,
49.1328

■ 87.4999, 96.1738,
105.5642

■ 43.1409, 22.2238,
45.2498

■ 88.0714, 96.4024,
108.5734

■ 42.0018, 20.9788,
41.6848

■ 41.5330, 20.5710,
39.8951

Harmonies

Analogous

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



58.4780, 54.2209, 90.5851



62.7693, 54.2209, 74.1752



63.9597, 54.2209, 56.1694

Triad

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



62.7693, 54.2209, 74.1752



50.5240, 54.2209, 31.7687



42.6194, 54.2209, 80.2120

Complementary

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



62.7693, 54.2209, 74.1752



57.4677, 72.6157, 61.4427

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.



40.8341, 54.2209, 62.0012



62.7693, 54.2209, 74.1752



45.1651, 54.2209, 35.8241

Square

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



62.7693, 54.2209, 74.1752



56.5806, 54.2209, 33.7747



41.7287, 54.2209, 46.1133



46.7993, 54.2209, 94.5194

Rectangle

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



62.7693, 54.2209, 74.1752



62.7613, 54.2209, 46.0768



41.7287, 54.2209, 46.1133



41.7348, 54.2209, 74.2253

Sweetspot

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



62.7709, 54.2233, 74.1763



88.8348, 88.8221, 102.9668



52.5765, 48.7127, 85.2297



18.9050, 18.8158, 21.9324



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.



62.7709, 54.2233, 74.1763



72.0962, 59.2346, 85.3962



59.3378, 52.8500, 56.0976



15.5272, 15.2387, 18.0617



23.1714, 11.4712, 22.5015



1.8598, 0.9169, 1.9790

Inverse Universe

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



62.7709, 54.2233, 74.1763



72.0962, 59.2346, 85.3962



60.9551, 74.0107, 79.8075



15.5272, 15.2387, 18.0617



23.1714, 11.4712, 22.5015



1.8598, 0.9169, 1.9790

Previews

White Background



This preview shows how the XYZ color 62.7693, 54.2209, 74.1752 looks on a white background.

Color Contrast Check

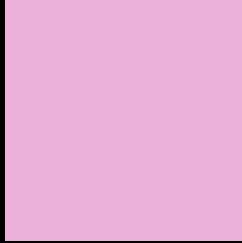
Large Text (above 18pt) WCAG AA × Fail

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 62.7693, 54.2209, 74.1752 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 62.7693, 54.2209, 74.1752

Background



This preview shows how black text looks on a background with the XYZ color 62.7693, 54.2209, 74.1752.



This preview shows how white text looks on a background with the XYZ color 62.7693, 54.2209,

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

62.7693, 54.2209, 74.1752

Protanopia

54.0919, 54.5445, 82.5401

Deuteranopia

55.8397, 54.6740, 73.2557



Tritanopia

59.6529, 54.1437, 58.9365

Trichromacy



Original Color

62.7693, 54.2209, 74.1752

Protanomaly

56.6746, 54.0108, 79.3896

Deuteranomaly

58.0282, 54.2070, 73.7342

Tritanomaly

60.8246, 54.3258, 64.4069

Monochromacy



Original Color

62.7693, 54.2209, 74.1752

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9228, 55.7149, 66.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7693, 54.2209, 74.1752 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(235, 177, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 219)  
}
```

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(235, 177, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 219) }
```

Border

The CSS property to change the border of an element to XYZ 62.7693, 54.2209, 74.1752 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(235, 177, 219) }
```


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

```
.border{ border-color:rgb(235, 177, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 177, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7693, 54.2209, 74.1752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 219) }
```

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

```
.background{ background-color: rgb(235,  
177, 219) }
```

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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