

Converting Colors

XYZ(63.7279, 54.1526, 72.9690)

Have a look what the booklet for
XYZ(63.7279, 54.1526, 72.9690)
contains.

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Color

**XYZ(63.7895, 54.1950,
72.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AFD9
RGB	240, 175, 217
RGB Percent	94%, 69%, 85%
CMY	0.0588, 0.3137, 0.1490
CMYK	0.00, 0.27, 0.10, 0.06
HSL	321°, 68%, 81%
HSV	321°, 27%, 94%
XYZ	63.7895, 54.1950, 72.7442
YIQ	199.2230, 25.2580, 26.8420

Conversions

Conversions Part 2

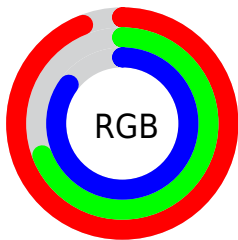
Format	Color
R _Y B	240, 175, 217
Decimal	15773657
CIE Lab	78.58, 30.11, -11.78
CIE LCh	79, 32.334, 338.634
Yxy	54.1950, 0.3345, 0.2841
Android (android.graphics.Color)	4293963737 (0xFF0AFD9)
YUV	199.2230, 8.7641, 35.7614
Hunter-Lab	73.6173, 25.8404, -7.0548

Details

The XYZ color **63.7895, 54.1950, 72.7442** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.0346, 75.5128, 64.8935**, and the grayscale version is **54.3612, 57.1922, 62.2823**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **33.0096, 26.5950, 37.5760** is the 20% darker color. If you saturate the color by 10%, you get **58.4508, 45.2396, 65.6542**, and if you desaturate by 10%, it is **70.0184, 64.8382, 80.4126**.

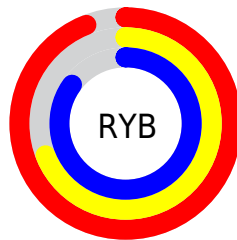
Distribution



Red (94%)

Green (69%)

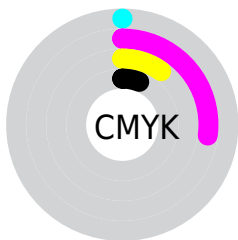
Blue (85%)



Red (94%)

Yellow (69%)

Blue (85%)

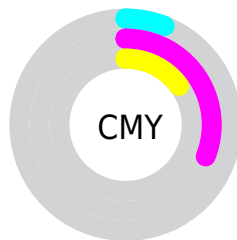


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (6%)



Cyan (6%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7895, 54.1950, 72.7442 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 63.7895, 54.1950, 72.7442 by changing the saturation by 10% instead.


 63.7895, 54.1950,
72.7442

 63.7895, 54.1950,
72.7442


428.0434,
402.8532, 489.1748

 46.7412, 38.7576,
53.2763


 109.3832, 96.3605,
124.8315

 33.0382, 26.5712,
37.6341


138.6593,
123.8574, 158.2881

 22.3151, 17.2514,
25.3992

172.7421,
156.1429, 197.2445

 14.2065, 10.4139,
16.1530

211.9969,
193.6013, 242.1194

 8.3471, 5.6743,
9.4770

256.7890,
236.6172, 293.3314

 4.3715, 2.6480,
4.9525

307.4839,

 1.9144, 0.9509,

285.5749, 351.2989

2.1612

364.4469,
340.8587, 416.4405

■ 0.5852, 0.0000,
0.6518

■ 0.0000, 0.0000,
0.0000

■ 63.7895, 54.1950,
72.7442

■ 63.7895, 54.1950,
72.7442

■ 58.4508, 45.2396,
65.6542

■ 70.0184, 64.8382,
80.4126

■ 53.9527, 37.8765,
59.1201

■ 77.1742, 77.2437,
88.6740

■ 50.2478, 32.0116,
53.1226

■ 85.2973, 91.4904,
97.5465

■ 47.2822, 27.5383,
47.6391

■ 89.1038, 97.0087,
105.2726

■ 44.9943, 24.3353,
42.6448

■ 89.7455, 97.2654,
108.6518

■ 43.3125, 22.2604,
38.1112

■ 42.1444, 21.1307,
34.0026

■ 41.8579, 20.8944,
32.8687

Harmonies

Analogous

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



59.5487, 54.1950, 90.8971



63.7895, 54.1950, 72.7442



64.6042, 54.1950, 53.8944

Triad

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



63.7895, 54.1950, 72.7442



49.6924, 54.1950, 30.6626



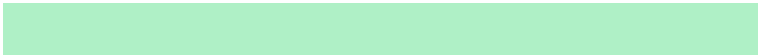
42.5170, 54.1950, 83.7516

Complementary

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



63.7895, 54.1950, 72.7442



59.0346, 75.5128, 64.8935

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.



40.3179, 54.1950, 64.4377



63.7895, 54.1950, 72.7442



44.2307, 54.1950, 35.6162

Square

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



63.7895, 54.1950, 72.7442



56.1065, 54.1950, 31.9833



40.9183, 54.1950, 47.1219



47.1730, 54.1950, 98.1090

Rectangle

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



63.7895, 54.1950, 72.7442



63.0352, 54.1950, 43.7347



40.9183, 54.1950, 47.1219



41.4842, 54.1950, 77.4808

Sweetspot

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



63.7911, 54.1974, 72.7453



87.7432, 87.2116, 100.8379



54.2833, 48.9259, 89.0214



18.5037, 18.1848, 21.2698



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.



63.7911, 54.1974, 72.7453



70.0049, 56.7986, 79.3144



59.9977, 52.6801, 52.7695



16.2029, 15.9309, 18.6249



22.9790, 11.4640, 18.3379



1.9587, 0.9725, 1.7735

Inverse Universe

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



63.7911, 54.1974, 72.7453



70.0049, 56.7986, 79.3144



63.1592, 77.1627, 86.6134



16.2029, 15.9309, 18.6249



22.9790, 11.4640, 18.3379



1.9587, 0.9725, 1.7735

Previews

White Background



This preview shows how the XYZ color 63.7895, 54.1950, 72.7442 looks on a white background.

Color Contrast Check

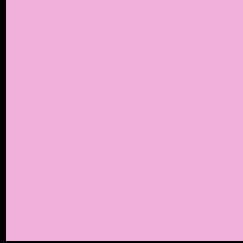
Large Text (above 18pt) WCAG AA × Fail

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 63.7895, 54.1950, 72.7442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

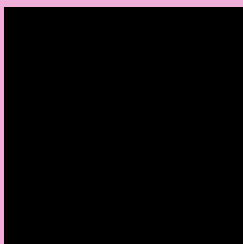
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7895, 54.1950, 72.7442

Background



This preview shows how black text looks on a background with the XYZ color 63.7895, 54.1950, 72.7442.



This preview shows how white text looks on a background with the XYZ color 63.7895, 54.1950,

72.7442.

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

63.7895, 54.1950, 72.7442

Protanopia

53.9519, 54.4884, 81.8025

Deuteranopia

55.5120, 54.2294, 71.1598



Tritanopia

60.6708, 54.0950, 57.6958

Trichromacy



Original Color

63.7895, 54.1950, 72.7442

Protanomaly

56.8816, 53.8195, 78.6244

Deuteranomaly

58.3197, 54.0927, 71.6571

Tritanomaly

61.8410, 54.2822, 63.0953

Monochromacy



Original Color

63.7895, 54.1950, 72.7442

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

57.2856, 55.5793, 66.1011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7895, 54.1950, 72.7442 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(240, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 175, 217)  
}
```

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(240, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 175, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.7895, 54.1950, 72.7442 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(240, 175, 217) }
```


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

```
.border{ border-color:rgb(240, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 175,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7895, 54.1950, 72.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 175, 217) }
```

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

```
.background{ background-color: rgb(240,  
175, 217) }
```

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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