

Converting Colors

XYZ(55.6338, 48.7748, 75.7952)

Have a look what the booklet for
XYZ(55.6338, 48.7748, 75.7952)
contains.

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Color

**XYZ(55.4793, 48.6959,
75.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	D6ABDE
RGB	214, 171, 222
RGB Percent	84%, 67%, 87%
CMY	0.1608, 0.3294, 0.1294
CMYK	0.04, 0.23, 0.00, 0.13
HSL	291°, 44%, 77%
HSV	291°, 23%, 87%
XYZ	55.4793, 48.6959, 75.5824
YIQ	189.6710, 9.2570, 24.9770

Conversions

Conversions Part 2

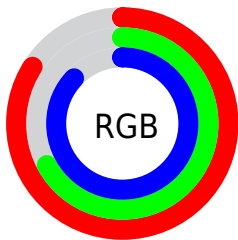
Format	Color
R_{YB}	214, 171, 222
Decimal	14068702
CIE _{Lab}	75.26, 24.49, -19.74
CIE _{LCh}	75, 31.457, 321.137
Yxy	48.6959, 0.3086, 0.2709
Android (android.graphics.Color)	4292258782 (0xFFD6ABDE)
YUV	189.6710, 15.9382, 21.3365
Hunter-Lab	69.7824, 19.7940, -15.3702

Details

The XYZ color **55.4793, 48.6959, 75.5824** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0640, 64.7677, 48.2878**, and the grayscale version is **48.6633, 51.1975, 55.7541**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **27.7516, 23.1178, 39.5587** is the 20% darker color. If you saturate the color by 10%, you get **50.6280, 40.4851, 74.2540**, and if you desaturate by 10%, it is **61.0596, 58.3306, 77.1487**.

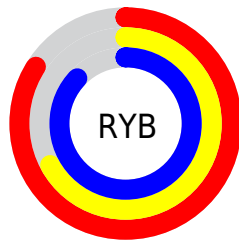
Distribution



Red (84%)

Green (67%)

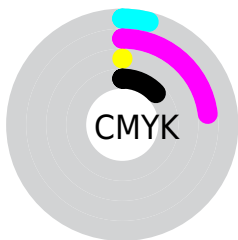
Blue (87%)



Red (84%)

Yellow (67%)

Blue (87%)

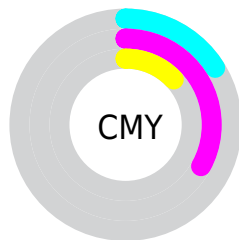


Cyan (4%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4793, 48.6959, 75.5824 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 55.4793, 48.6959, 75.5824 by changing the saturation by 10% instead.

■ 55.4793, 48.6959,
75.5824

■ 55.4793, 48.6959,
75.5824

397.8332,
381.5439, 499.2257

■ 40.0210, 34.3783,
55.5855

■ 97.3871, 88.2396,
128.8911

■ 27.7392, 23.1844,
39.4690

124.5672,
114.2346, 163.0400

■ 18.2686, 14.7297,
26.8141

156.3854,
144.8907, 202.7434

■ 11.2438, 8.6299,
17.2025

193.2068,
180.5925, 248.4197

■ 6.2996, 4.5006,
10.2155

235.3970,
221.7243, 300.4876

■ 3.0705, 1.9573,
5.4346

283.3212,

■ 1.1911, 0.5825,

268.6706, 359.3655

2.4413

337.3448,
321.8156, 425.4720

■ 0.0994, 0.0000,
0.8088

■ 0.0000, 0.0000,
0.0000

■ 55.4793, 48.6959,
75.5824

■ 55.4793, 48.6959,
75.5824

■ 50.6280, 40.4851,
74.2540

■ 61.0596, 58.3306,
77.1487

■ 46.4658, 33.6215,
73.1485

■ 67.3972, 69.4482,
78.9606

■ 42.9560, 28.0308,
72.2544

■ 74.5244, 82.1124,
81.0294

■ 40.0564, 23.6288,
71.5576

■ 80.9180, 93.2767,
82.8473

37.7198, 20.3212,
71.0423

82.0335, 93.8518,
82.8995

35.8916, 17.9993,
70.6905

83.1715, 94.4384,
82.9528

34.5062, 16.5319,
70.4803

84.3319, 95.0366,
83.0071

33.7219, 15.8612,
70.3921

85.5150, 95.6465,
83.0625

86.7208, 96.2682,
83.1189

Harmonies

Analogous

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



50.4045, 48.6959, 88.5565



55.4793, 48.6959, 75.5824



58.1447, 48.6959, 58.0736

Triad

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



55.4793, 48.6959, 75.5824



48.0159, 48.6959, 27.3992



36.6807, 48.6959, 65.3350

Complementary

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



55.4793, 48.6959, 75.5824



52.0640, 64.7677, 48.2878

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.



36.1570, 48.6959, 48.2714



55.4793, 48.6959, 75.5824



42.3944, 48.6959, 28.5481

Square

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



55.4793, 48.6959, 75.5824



53.6065, 48.6959, 31.9151



38.1654, 48.6959, 35.4666



39.6606, 48.6959, 81.8369

Rectangle

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



55.4793, 48.6959, 75.5824



58.0557, 48.6959, 47.1134



38.1654, 48.6959, 35.4666



36.2219, 48.6959, 59.4041

Sweetspot

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



55.4808, 48.6980, 75.5835



88.5950, 88.6081, 107.0414



46.2019, 46.3751, 75.6241



18.8492, 18.7660, 22.8787



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.



55.4808, 48.6980, 75.5835



72.3464, 60.5324, 102.4786



55.7080, 49.0653, 64.2935



14.0728, 13.8211, 17.3137



20.1077, 9.4612, 41.8148



1.4513, 0.6855, 2.9011

Inverse Universe

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



52.8254, 47.9122, 49.1138



68.1252, 59.3061, 59.3679



51.9947, 64.5325, 57.2946



13.7945, 13.7354, 14.6878



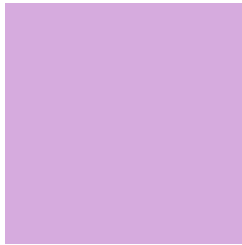
18.0980, 9.3062, 1.9161



1.2819, 0.6560, 0.2773

Previews

White Background



This preview shows how the XYZ color 55.4793, 48.6959, 75.5824 looks on a white background.

Color Contrast Check

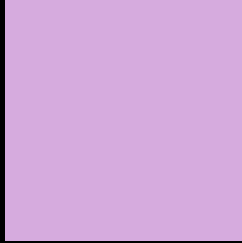
Large Text (above 18pt) WCAG AA × Fail

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 55.4793, 48.6959, 75.5824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

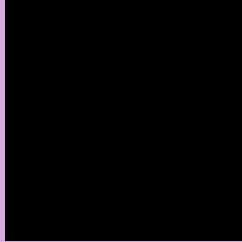
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4793, 48.6959, 75.5824

Background



This preview shows how black text looks on a background with the XYZ color 55.4793, 48.6959, 75.5824.



This preview shows how white text looks on a background with the XYZ color 55.4793, 48.6959,

75.5824.

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

55.4793, 48.6959, 75.5824

Protanopia

49.0199, 49.0492, 82.4851

Deuteranopia

49.9357, 48.7798, 74.4937



Tritanopia

51.4206, 48.7612, 55.9919

Trichromacy



Original Color

55.4793, 48.6959, 75.5824

Protanomaly

51.1100, 48.6605, 80.0974

Deuteranomaly

51.7992, 48.5351, 75.0447

Tritanomaly

52.8546, 48.7731, 62.5055

Monochromacy



Original Color

55.4793, 48.6959, 75.5824

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.1473, 50.2734, 62.8851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4793, 48.6959, 75.5824 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(214, 171, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 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(214, 171, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.4793, 48.6959, 75.5824 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(214, 171, 222) }
```


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

```
.border{ border-color:rgb(214, 171, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4793, 48.6959, 75.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 222) }
```

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

```
.background{ background-color: rgb(214,  
171, 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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