

Converting Colors

XYZ(55.7918, 49.9440, 65.0921)

Have a look what the booklet for
XYZ(55.7918, 49.9440, 65.0921)
contains.

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Color

**XYZ(55.7918, 49.9440,
65.0921)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAECE
RGB	220, 174, 206
RGB Percent	86%, 68%, 81%
CMY	0.1373, 0.3176, 0.1922
CMYK	0.00, 0.21, 0.06, 0.14
HSL	318°, 40%, 77%
HSV	318°, 21%, 86%
XYZ	55.7918, 49.9440, 65.0921
YIQ	191.4020, 17.1440, 19.7040

Conversions

Conversions Part 2

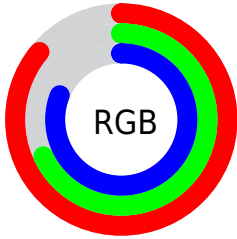
Format	Color
R _Y B	220, 174, 206
Decimal	14462670
CIE Lab	76.03, 21.94, -9.80
CIE LCh	76, 24.034, 335.933
Yxy	49.9440, 0.3266, 0.2924
Android (android.graphics.Color)	4292652750 (0xFFDCAECE)
YUV	191.4020, 7.1968, 25.0804
Hunter-Lab	70.6711, 17.2438, -5.1397

Details

The XYZ color **55.7918, 49.9440, 65.0921** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1278, 63.8172, 57.1504**, and the grayscale version is **49.7084, 52.2971, 56.9515**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **28.0219, 23.9411, 32.8499** is the 20% darker color. If you saturate the color by 10%, you get **51.0888, 41.8116, 59.5963**, and if you desaturate by 10%, it is **61.2285, 59.4868, 71.0046**.

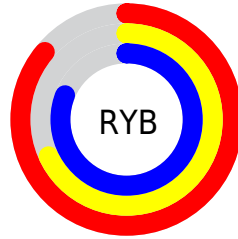
Distribution



Red (86%)

Green (68%)

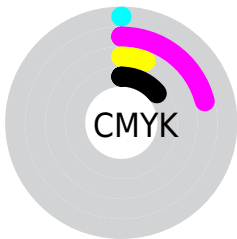
Blue (81%)



Red (86%)

Yellow (68%)

Blue (81%)

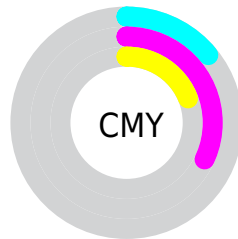


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7918, 49.9440, 65.0921 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 55.7918, 49.9440, 65.0921 by changing the saturation by 10% instead.

■ 55.7918, 49.9440,
65.0921

■ 55.7918, 49.9440,
65.0921

398.9942,
386.4469, 461.4381

■ 40.2724, 35.3689,
47.0839

■ 97.8417, 90.0919,
113.7968

■ 27.9361, 23.9472,
32.7472

125.1028,
116.4335, 145.3304

■ 18.4177, 15.2944,
21.6633

157.0086,
147.4660, 182.2096

■ 11.3518, 9.0263,
13.4138

193.9244,
183.5739, 224.8529

■ 6.3730, 4.7583,
7.5800

236.2154,
225.1416, 273.6789

■ 3.1160, 2.1062,
3.7435

284.2472,

■ 1.2154, 0.6681,

272.5534, 329.1061

1.4857

338.3850,
326.1937, 391.5530

■ 0.1185, 0.0000,
0.2073

■ 0.0000, 0.0000,
0.0000

■ 55.7918, 49.9440,
65.0921

■ 55.7918, 49.9440,
65.0921

■ 51.0888, 41.8116,
59.5963

■ 61.2285, 59.4868,
71.0046

■ 47.0808, 35.0152,
54.5006

■ 67.4264, 70.4967,
77.3433

■ 43.7322, 29.4834,
49.7914

■ 74.4170, 83.0352,
84.1214

■ 41.0022, 25.1356,
45.4531

■ 79.9529, 92.6068,
90.5916

38.8456, 21.8817,
41.4682

80.9269, 92.9963,
95.7203

37.2104, 19.6188,
37.8172

81.9375, 93.4006,
101.0422

36.0348, 18.2239,
34.4771

82.9852, 93.8197,
106.5593

35.2684, 17.5170,
31.6759

83.3255, 93.9558,
108.3513

Harmonies

Analogous

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



52.7155, 49.9440, 76.9414



55.7918, 49.9440, 65.0921



56.5793, 49.9440, 51.8661

Triad

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



55.7918, 49.9440, 65.0921



46.5840, 49.9440, 33.3202



40.8215, 49.9440, 70.2079

Complementary

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



55.7918, 49.9440, 65.0921



52.1278, 63.8172, 57.1504

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.



39.3955, 49.9440, 56.9749



55.7918, 49.9440, 65.0921



42.5850, 49.9440, 36.7268

Square

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



55.7918, 49.9440, 65.0921



51.0763, 49.9440, 34.7955



40.0203, 49.9440, 44.9137



44.0381, 49.9440, 80.2056

Rectangle

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



55.7918, 49.9440, 65.0921



55.6596, 49.9440, 44.2746



40.0203, 49.9440, 44.9137



40.1264, 49.9440, 65.9180

Sweetspot

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



55.7933, 49.9462, 65.0932



89.6210, 90.3274, 103.4362



48.7462, 46.1080, 74.0414



19.0613, 19.1184, 22.0152



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.



55.7933, 49.9462, 65.0932



75.0071, 64.6634, 87.5776



53.2211, 48.9173, 51.5483



13.4368, 13.2038, 15.5614



20.7502, 10.3011, 18.8624



1.3820, 0.6824, 1.4203

Inverse Universe

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



55.7933, 49.9462, 65.0932



75.0071, 64.6634, 87.5776



54.7832, 64.8794, 71.1334



13.4368, 13.2038, 15.5614



20.7502, 10.3011, 18.8624



1.3820, 0.6824, 1.4203

Previews

White Background



This preview shows how the XYZ color 55.7918, 49.9440, 65.0921 looks on a white background.

Color Contrast Check

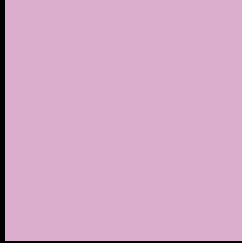
Large Text (above 18pt) WCAG AA × Fail

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 55.7918, 49.9440, 65.0921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

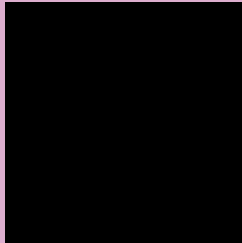
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7918, 49.9440, 65.0921

Background



This preview shows how black text looks on a background with the XYZ color 55.7918, 49.9440, 65.0921.



This preview shows how white text looks on a background with the XYZ color 55.7918, 49.9440,

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

55.7918, 49.9440, 65.0921

Protanopia

49.2249, 50.0401, 70.6826

Deuteranopia

50.9157, 49.8213, 64.0597



Tritanopia

53.9298, 50.0674, 55.5368

Trichromacy



Original Color

55.7918, 49.9440, 65.0921

Protanomaly

51.2508, 49.8948, 68.5575

Deuteranomaly

52.5931, 49.7698, 64.5922

Tritanomaly

54.7026, 50.0963, 59.0110

Monochromacy



Original Color

55.7918, 49.9440, 65.0921

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.6699, 51.2400, 59.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7918, 49.9440, 65.0921 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(220, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 206)  
}
```

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(220, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.7918, 49.9440, 65.0921 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(220, 174, 206) }
```


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

```
.border{ border-color:rgb(220, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 174,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7918, 49.9440, 65.0921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 174, 206) }
```

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

```
.background{ background-color: rgb(220,  
174, 206) }
```

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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