

Converting Colors

XYZ(55.3314, 49.2111, 64.8708)

Have a look what the booklet for
XYZ(55.3314, 49.2111, 64.8708)
contains.

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Color

**XYZ(55.4083, 49.1769,
64.9643)**

Conversions

Conversions Part 1

Format	Color
Hex	DCACCE
RGB	220, 172, 206
RGB Percent	86%, 67%, 81%
CMY	0.1373, 0.3255, 0.1922
CMYK	0.00, 0.22, 0.06, 0.14
HSL	318°, 41%, 77%
HSV	318°, 22%, 86%
XYZ	55.4083, 49.1769, 64.9643
YIQ	190.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

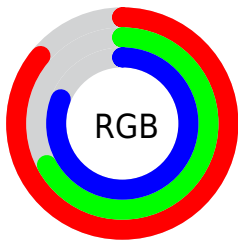
Format	Color
R _Y B	220, 172, 206
Decimal	14462158
CIE Lab	75.56, 23.02, -10.51
CIE LCh	76, 25.309, 335.470
Yxy	49.1769, 0.3268, 0.2900
Android (android.graphics.Color)	4292652238 (0xFFDCACCE)
YUV	190.2280, 7.7756, 26.1100
Hunter-Lab	70.1262, 18.3159, -5.8373

Details

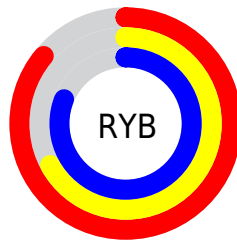
The XYZ color **55.4083, 49.1769, 64.9643** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4713, 63.5036, 56.0018**, and the grayscale version is **49.0256, 51.5787, 56.1692**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **27.5742, 23.3532, 32.7601** is the 20% darker color. If you saturate the color by 10%, you get **50.7994, 41.1808, 59.6602**, and if you desaturate by 10%, it is **60.7450, 58.5763, 70.6692**.

Distribution



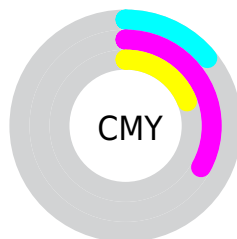
- Red (86%)
- Green (67%)
- Blue (81%)



- Red (86%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4083, 49.1769, 64.9643 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 55.4083, 49.1769, 64.9643 by changing the saturation by 10% instead.


 55.4083, 49.1769,
64.9643

 55.4083, 49.1769,
64.9643


397.5691,
383.4383, 460.9664

 39.9638, 34.7598,
46.9810


 97.2838, 88.9541,
113.6113

 27.6944, 23.4779,
32.6664


124.4455,
115.0831, 145.1121

 18.2347, 14.9468,
21.6020


156.2437,
145.8848, 181.9557

 11.2194, 8.7821,
13.3692

193.0437,
181.7436, 224.5608

 6.2830, 4.5993,
7.5496

235.2109,
223.0440, 273.3459

 3.0602, 2.0141,
3.7245

283.1106,

 1.1857, 0.6157,

270.1703, 328.7295

1.4755

337.1082,
323.5070, 391.1301

■ 0.0950, 0.0000,
0.1995

■ 0.0000, 0.0000,
0.0000

■ 55.4083, 49.1769,
64.9643

■ 55.4083, 49.1769,
64.9643

■ 50.7994, 41.1808,
59.6602

■ 60.7450, 58.5763,
70.6692

■ 46.8796, 34.5131,
54.7405

■ 66.8373, 69.4361,
76.7842

■ 43.6129, 29.1020,
50.1918

■ 73.7168, 81.8181,
83.3223

■ 40.9583, 24.8660,
45.9985

■ 79.7942, 92.5433,
89.7555

■ 38.8701, 21.7142,
42.1435

■ 80.7210, 92.9140,
94.6359

■ 37.2957, 19.5422,
38.6072

■ 81.6814, 93.2982,
99.6934

■ 36.1721, 18.2246,
35.3667

■ 82.6758, 93.6959,
104.9298

■ 35.5018, 17.6103,
32.9045

■ 83.3256, 93.9558,
108.3513

Harmonies

Analogous

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



52.1558, 49.1769, 77.3764



55.4083, 49.1769, 64.9643



56.2759, 49.1769, 51.1275

Triad

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



55.4083, 49.1769, 64.9643



45.8891, 49.1769, 31.7832



39.7936, 49.1769, 69.9226

Complementary

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



55.4083, 49.1769, 64.9643



51.4713, 63.5036, 56.0018

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.



38.3492, 49.1769, 56.0381



55.4083, 49.1769, 64.9643



41.7149, 49.1769, 35.1910

Square

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



55.4083, 49.1769, 64.9643



50.5746, 49.1769, 33.3676



39.0285, 49.1769, 43.5495



43.1065, 49.1769, 80.5571

Rectangle

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



55.4083, 49.1769, 64.9643



55.3384, 49.1769, 43.2164



39.0285, 49.1769, 43.5495



39.0839, 49.1769, 65.4013

Sweetspot

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



55.4098, 49.1791, 64.9653



88.7906, 88.8044, 102.7339



47.8255, 45.0639, 73.8885



18.8947, 18.8117, 21.8784



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.



55.4098, 49.1791, 64.9653



74.4642, 63.5627, 87.4429



52.7544, 48.1169, 50.9823



13.4441, 13.2067, 15.5997



20.8861, 10.3555, 19.5781



1.3899, 0.6856, 1.4623

Inverse Universe

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



55.4098, 49.1791, 64.9653



74.4642, 63.5627, 87.4429



54.1912, 64.5916, 70.3244



13.4441, 13.2067, 15.5997



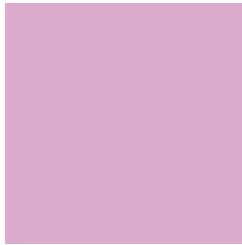
20.8861, 10.3555, 19.5781



1.3899, 0.6856, 1.4623

Previews

White Background



This preview shows how the XYZ color 55.4083, 49.1769, 64.9643 looks on a white background.

Color Contrast Check

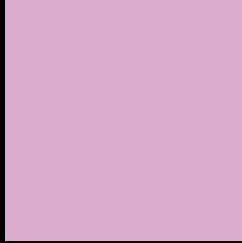
Large Text (above 18pt) WCAG AA × Fail

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 55.4083, 49.1769, 64.9643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

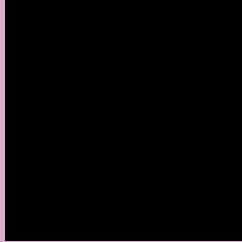
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4083, 49.1769, 64.9643

Background



This preview shows how black text looks on a background with the XYZ color 55.4083, 49.1769, 64.9643.



This preview shows how white text looks on a background with the XYZ color 55.4083, 49.1769,

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

55.4083, 49.1769, 64.9643

Protanopia

48.5426, 49.3767, 70.5905

Deuteranopia

50.1879, 49.1431, 63.9671



Tritanopia

53.4287, 49.2395, 54.8323

Trichromacy



Original Color

55.4083, 49.1769, 64.9643

Protanomaly

50.5848, 48.9478, 68.4098

Deuteranomaly

52.1167, 49.2277, 64.5127

Tritanomaly

54.1998, 49.2723, 58.2836

Monochromacy



Original Color

55.4083, 49.1769, 64.9643

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.9847, 50.2700, 59.2405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4083, 49.1769, 64.9643 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, 172, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 172, 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, 172, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 172, 206) }
```

Border

The CSS property to change the border of an element to XYZ 55.4083, 49.1769, 64.9643 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, 172, 206) }
```


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

```
.border{ border-color:rgb(220, 172, 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, 172, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 172, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 172, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 172,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4083, 49.1769, 64.9643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 172, 206) }
```

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

```
.background{ background-color: rgb(220,  
172, 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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