

Converting Colors

XYZ(55.7787, 49.2539, 65.6208)

Have a look what the booklet for
XYZ(55.7787, 49.2539, 65.6208)
contains.

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Color

**XYZ(55.8338, 49.3822,
65.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	DDACCF
RGB	221, 172, 207
RGB Percent	87%, 67%, 81%
CMY	0.1333, 0.3255, 0.1882
CMYK	0.00, 0.22, 0.06, 0.13
HSL	317°, 42%, 77%
HSV	317°, 22%, 87%
XYZ	55.8338, 49.3822, 65.6204
YIQ	190.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

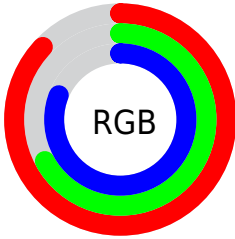
Format	Color
R _Y B	221, 172, 207
Decimal	14527695
CIE Lab	75.69, 23.54, -10.85
CIE LCh	76, 25.923, 335.251
Yxy	49.3822, 0.3268, 0.2891
Android (android.graphics.Color)	4292717775 (0xFFDDACCF)
YUV	190.6410, 8.0650, 26.6248
Hunter-Lab	70.2725, 18.8473, -6.1742

Details

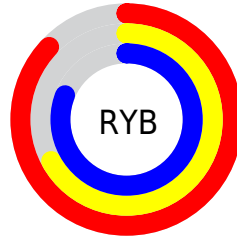
The XYZ color **55.8338, 49.3822, 65.6204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7346, 64.0301, 56.0897**, and the grayscale version is **49.2622, 51.8277, 56.4403**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **27.8636, 23.4929, 33.2030** is the 20% darker color. If you saturate the color by 10%, you get **51.2161, 41.3570, 60.3483**, and if you desaturate by 10%, it is **61.1848, 58.8229, 71.2904**.

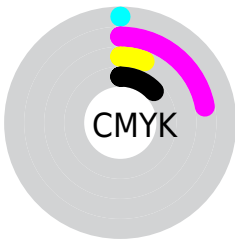
Distribution



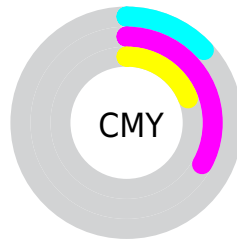
- Red (87%)
- Green (67%)
- Blue (81%)



- Red (87%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8338, 49.3822, 65.6204 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 55.8338, 49.3822, 65.6204 by changing the saturation by 10% instead.

■ 55.8338, 49.3822,
65.6204

■ 55.8338, 49.3822,
65.6204

399.1500,
384.2450, 463.3852

■ 40.3062, 34.9228,
47.5098

■ 97.9028, 89.2588,
114.5631

■ 27.9626, 23.6034,
33.0816

125.1748,
115.4448, 146.2323

■ 18.4378, 15.0397,
21.9173

157.0923,
146.3085, 183.2581

■ 11.3663, 8.8472,
13.5984

194.0207,
182.2341, 226.0591

■ 6.3829, 4.6417,
7.7064

236.3253,
223.6062, 275.0537

■ 3.1221, 2.0386,
3.8226

284.3715,

■ 1.2187, 0.6298,

270.8091, 330.6606

1.5285

338.5246,
324.2273, 393.2982

■ 0.1210, 0.0000,
0.2390

■ 0.0000, 0.0000,
0.0000

■ 55.8338, 49.3822,
65.6204

■ 55.8338, 49.3822,
65.6204

■ 51.2161, 41.3570,
60.3483

■ 61.1848, 58.8229,
71.2904

■ 47.2923, 34.6716,
55.4575

■ 67.2971, 69.7371,
77.3677

■ 44.0260, 29.2529,
50.9348

■ 74.2027, 82.1875,
83.8653

■ 41.3757, 25.0185,
46.7643

■ 80.1817, 92.7333,
90.2115

39.2948, 21.8759,
42.9289

81.0965, 93.0993,
95.0286

37.7299, 19.7188,
39.4086

82.0438, 93.4782,
100.0174

36.6170, 18.4198,
36.1804

83.0241, 93.8703,
105.1795

35.9780, 17.8359,
33.8275

83.6291, 94.1123,
108.3655

Harmonies

Analogous

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



52.4715, 49.3822, 78.3922



55.8338, 49.3822, 65.6204



56.7476, 49.3822, 51.3841

Triad

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



55.8338, 49.3822, 65.6204



46.0961, 49.3822, 31.4952



39.7905, 49.3822, 70.5264

Complementary

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



55.8338, 49.3822, 65.6204



51.7346, 64.0301, 56.0897

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.



38.3265, 49.3822, 56.2262



55.8338, 49.3822, 65.6204



41.8048, 49.3822, 34.9310

Square

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



55.8338, 49.3822, 65.6204



50.9102, 49.3822, 33.1464



39.0381, 49.3822, 43.4377



43.1748, 49.3822, 81.5463

Rectangle

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



55.8338, 49.3822, 65.6204



55.7954, 49.3822, 43.2558



39.0381, 49.3822, 43.4377



39.0684, 49.3822, 65.8606

Sweetspot

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



55.8353, 49.3844, 65.6214



88.8072, 88.8111, 102.8215



48.0271, 45.1525, 74.5914



18.8986, 18.8132, 21.8987



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.



55.8353, 49.3844, 65.6214



73.8732, 62.4581, 87.0071



53.0805, 48.2825, 51.1150



13.4475, 13.2081, 15.6177



20.9509, 10.3814, 19.9195



1.3937, 0.6871, 1.4822

Inverse Universe

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



55.8353, 49.3844, 65.6214



73.8732, 62.4581, 87.0071



54.5521, 65.1571, 70.9262



13.4475, 13.2081, 15.6177



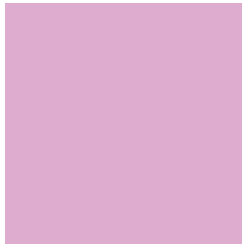
20.9509, 10.3814, 19.9195



1.3937, 0.6871, 1.4822

Previews

White Background



This preview shows how the XYZ color 55.8338, 49.3822, 65.6204 looks on a white background.

Color Contrast Check

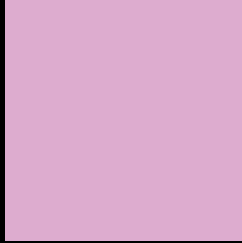
Large Text (above 18pt) WCAG AA × Fail

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 55.8338, 49.3822, 65.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

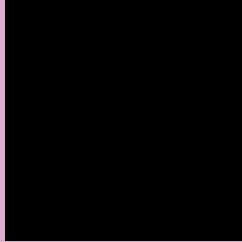
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8338, 49.3822, 65.6204

Background



This preview shows how black text looks on a background with the XYZ color 55.8338, 49.3822, 65.6204.



This preview shows how white text looks on a background with the XYZ color 55.8338, 49.3822,

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

55.8338, 49.3822, 65.6204

Protanopia

48.7997, 49.4795, 71.9442

Deuteranopia

50.5123, 49.5994, 64.6690



Tritanopia

53.7287, 49.3941, 54.8463

Trichromacy



Original Color

55.8338, 49.3822, 65.6204

Protanomaly

51.0964, 49.1824, 69.7509

Deuteranomaly

52.2378, 49.2762, 65.1505

Tritanomaly

54.6151, 49.4733, 58.8953

Monochromacy



Original Color

55.8338, 49.3822, 65.6204

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5757, 50.8688, 59.9236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8338, 49.3822, 65.6204 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(221, 172, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 172, 207)  
}
```

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(221, 172, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 172, 207) }
```

Border

The CSS property to change the border of an element to XYZ 55.8338, 49.3822, 65.6204 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(221, 172, 207) }
```


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

```
.border{ border-color:rgb(221, 172, 207) }
```

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

Here you see how a box with a 4 pixel rgb(221, 172, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 172, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 172, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 172,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8338, 49.3822, 65.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 172, 207) }
```

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

```
.background{ background-color: rgb(221,  
172, 207) }
```

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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