

Converting Colors

XYZ(55.5628, 49.3197, 82.9220)

Have a look what the booklet for
XYZ(55.5628, 49.3197, 82.9220)
contains.

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Color

**XYZ(55.7140, 49.5082,
82.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AEE8
RGB	208, 174, 232
RGB Percent	82%, 68%, 91%
CMY	0.1843, 0.3176, 0.0902
CMYK	0.10, 0.25, 0.00, 0.09
HSL	275°, 56%, 80%
HSV	275°, 25%, 91%
XYZ	55.7140, 49.5082, 82.9635
YIQ	190.7780, 1.6460, 25.2460

Conversions

Conversions Part 2

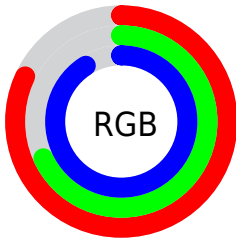
Format	Color
R _{YB}	208, 174, 232
Decimal	13676264
CIE _{Lab}	75.77, 22.91, -24.45
CIE _{LCh}	76, 33.507, 313.129
Yxy	49.5082, 0.2961, 0.2631
Android (android.graphics.Color)	4291866344 (0xFFD0AEE8)
YUV	190.7780, 20.3224, 15.1037
Hunter-Lab	70.3621, 18.2060, -20.6550

Details

The XYZ color **55.7140, 49.5082, 82.9635** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.7869, 72.7762, 50.9428**, and the grayscale version is **49.2795, 51.8458, 56.4601**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **27.8107, 23.5816, 44.1602** is the 20% darker color. If you saturate the color by 10%, you get **48.9956, 39.9570, 81.4748**, and if you desaturate by 10%, it is **63.3730, 60.6959, 84.7200**.

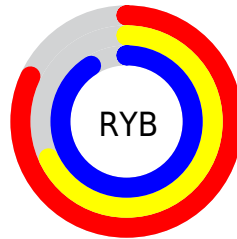
Distribution



Red (82%)

Green (68%)

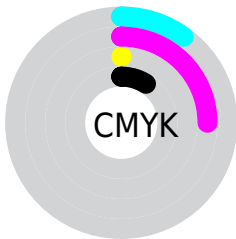
Blue (91%)



Red (82%)

Yellow (68%)

Blue (91%)

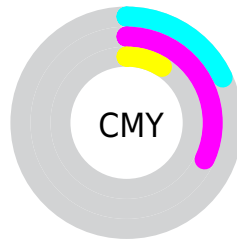


Cyan (10%)

Magenta (25%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (32%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7140, 49.5082, 82.9635 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 55.7140, 49.5082, 82.9635 by changing the saturation by 10% instead.

■ 55.7140, 49.5082,
82.9635

■ 55.7140, 49.5082,
82.9635

398.7053,
384.7396, 524.8327

■ 40.2098, 35.0228,
61.6196

■ 97.7285, 89.4458,
139.3731

■ 27.8871, 23.6804,
44.2916

124.9695,
115.6667, 175.2759

■ 18.3806, 15.0967,
30.5609

156.8535,
146.5683, 216.8688

■ 11.3249, 8.8873,
20.0091

193.7458,
182.5349, 264.5702

■ 6.3547, 4.6677,
12.2175

236.0118,
223.9510, 318.7988

■ 3.1046, 2.0537,
6.7677

284.0168,

■ 1.2093, 0.6384,

271.2008, 379.9730

3.2410

338.1262,
324.6689, 448.5115

■ 0.1137, 0.0000,
1.2190

■ 0.0000, 0.0000,
0.0000

■ 55.7140, 49.5082,
82.9635

■ 55.7140, 49.5082,
82.9635

■ 48.9956, 39.9570,
81.4748

■ 63.3730, 60.6959,
84.7200

■ 43.1704, 31.9550,
80.2373

■ 72.0076, 73.5892,
86.7536

■ 38.1938, 25.4162,
79.2375

■ 81.6567, 88.2606,
89.0769

■ 34.0148, 20.2432,
78.4592

■ 88.4731, 97.0120,
90.4068

■ 30.5764, 16.3265,
77.8845

■ 91.5656, 98.6063,
90.5516

■ 27.8126, 13.5390,
77.4921

■ 25.6431, 11.7250,
77.2563

■ 24.7189, 11.0604,
77.1767

Harmonies

Analogous

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



49.8249, 49.5082, 94.6111



55.7140, 49.5082, 82.9635



59.4527, 49.5082, 64.4691

Triad

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



55.7140, 49.5082, 82.9635



50.6127, 49.5082, 27.3251



36.3444, 49.5082, 62.0654

Complementary

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



55.7140, 49.5082, 82.9635



59.7869, 72.7762, 50.9428

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.



36.5148, 49.5082, 44.5647



55.7140, 49.5082, 82.9635



44.3917, 49.5082, 26.9587

Square

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



55.7140, 49.5082, 82.9635



56.3344, 49.5082, 33.7187



39.3450, 49.5082, 32.5751



38.8569, 49.5082, 80.8730

Rectangle

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



55.7140, 49.5082, 82.9635



60.0353, 49.5082, 52.0583



39.3450, 49.5082, 32.5751



36.0969, 49.5082, 55.7970

Sweetspot

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



55.7156, 49.5103, 82.9646



86.9522, 87.7612, 106.9645



52.2551, 55.2912, 84.2628



18.4681, 18.5696, 22.8609



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.



55.7156, 49.5103, 82.9646



64.6077, 55.0029, 101.8192



62.3043, 52.9851, 79.7380



14.3884, 14.3025, 18.1466



13.8693, 6.2158, 42.8519



1.1299, 0.5135, 3.1715

Inverse Universe

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



58.6094, 51.5072, 60.2809



68.9123, 57.9610, 68.6299



54.4337, 69.9611, 53.1966



14.6231, 14.4664, 16.2154



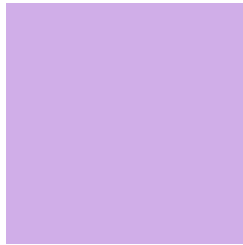
19.7065, 10.0168, 7.3492



1.5016, 0.7583, 0.7818

Previews

White Background



This preview shows how the XYZ color 55.7140, 49.5082, 82.9635 looks on a white background.

Color Contrast Check

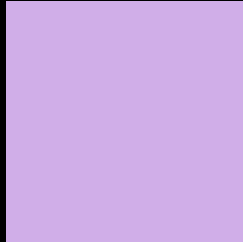
Large Text (above 18pt) WCAG AA × Fail

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 55.7140, 49.5082, 82.9635 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 55.7140, 49.5082, 82.9635

Background



This preview shows how black text looks on a background with the XYZ color 55.7140, 49.5082, 82.9635.



This preview shows how white text looks on a background with the XYZ color 55.7140, 49.5082,

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

55.7140, 49.5082, 82.9635

Protanopia

50.3107, 49.8734, 89.4130

Deuteranopia

50.7449, 49.6474, 81.7713



Tritanopia

50.7313, 49.5444, 58.5190

Trichromacy



Original Color

55.7140, 49.5082, 82.9635

Protanomaly

52.0596, 49.6013, 86.9509

Deuteranomaly

52.4833, 49.6185, 82.4125

Tritanomaly

52.2074, 49.2322, 66.4257

Monochromacy



Original Color

55.7140, 49.5082, 82.9635

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5155, 51.0245, 65.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7140, 49.5082, 82.9635 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(208, 174, 232)` looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 232)  
}
```

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(208, 174, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 232) }
```

Border

The CSS property to change the border of an element to XYZ 55.7140, 49.5082, 82.9635 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(208, 174, 232) }
```


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

```
.border{ border-color:rgb(208, 174, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 174, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 232);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7140, 49.5082, 82.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 232) }
```

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

```
.background{ background-color: rgb(208,  
174, 232) }
```

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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