

Converting Colors

XYZ(56.4450, 50.1935, 69.1422)

Have a look what the booklet for
XYZ(56.4450, 50.1935, 69.1422)
contains.

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Color

**XYZ(56.5349, 50.2412,
69.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAED4
RGB	220, 174, 212
RGB Percent	86%, 68%, 83%
CMY	0.1373, 0.3176, 0.1686
CMYK	0.00, 0.21, 0.04, 0.14
HSL	310°, 40%, 77%
HSV	310°, 21%, 86%
XYZ	56.5349, 50.2412, 69.0052
YIQ	192.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

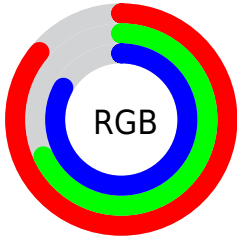
Format	Color
R _{YB}	220, 174, 212
Decimal	14462676
CIE Lab	76.22, 23.01, -12.80
CIE LCh	76, 26.329, 330.918
Yxy	50.2412, 0.3216, 0.2858
Android (android.graphics.Color)	4292652756 (0xFFDCAED4)
YUV	192.0860, 9.8176, 24.4806
Hunter-Lab	70.8810, 18.3303, -8.1042

Details

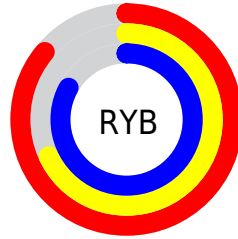
The XYZ color **56.5349, 50.2412, 69.0052** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4942, 63.5639, 53.8138**, and the grayscale version is **50.0926, 52.7014, 57.3918**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **28.4402, 24.1084, 35.0527** is the 20% darker color. If you saturate the color by 10%, you get **52.1513, 42.2366, 65.1911**, and if you desaturate by 10%, it is **61.6290, 59.6470, 73.1138**.

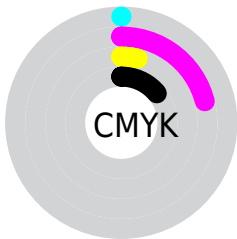
Distribution



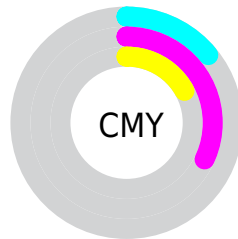
- Red (86%)
- Green (68%)
- Blue (83%)



- Red (86%)
- Yellow (68%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5349, 50.2412, 69.0052 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 56.5349, 50.2412, 69.0052 by changing the saturation by 10% instead.

■ 56.5349, 50.2412,
69.0052

■ 56.5349, 50.2412,
69.0052

401.7466,
387.6084, 475.7437

■ 40.8706, 35.6051,
50.2442

■ 98.9215, 90.5321,
119.4568

■ 28.4052, 24.1294,
35.2349

126.3746,
116.9558, 151.9844

■ 18.7734, 15.4296,
23.5589

158.4879,
148.0773, 189.9379

■ 11.6097, 9.1214,
14.7976

195.6269,
184.2813, 233.7360

■ 6.5488, 4.8205,
8.5324

238.1569,
225.9520, 283.7970

■ 3.2254, 2.1423,
4.3448

286.4433,

■ 1.2740, 0.6883,

273.4738, 340.5397

1.8164

340.8514,
327.2311, 404.3824

■ 0.1636, 0.0000,
0.4387

■ 0.0000, 0.0000,
0.0000

■ 56.5349, 50.2412,
69.0052

■ 56.5349, 50.2412,
69.0052

■ 52.1513, 42.2366,
65.1911

■ 61.6290, 59.6470,
73.1138

■ 48.4397, 35.5587,
61.6564

■ 67.4608, 70.5104,
77.5245

■ 45.3651, 30.1365,
58.3898

■ 74.0614, 82.8929,
82.2487

■ 42.8869, 25.8894,
55.3772

■ 79.1831, 92.2988,
86.5374

40.9602, 22.7275,
52.6034

79.7182, 92.5129,
89.3553

39.5336, 20.5480,
50.0508

80.2652, 92.7317,
92.2354

38.5456, 19.2282,
47.6984

80.8240, 92.9552,
95.1782

37.9319, 18.5824,
45.7009

81.3948, 93.1835,
98.1840

81.9776, 93.4167,
101.2532

Harmonies

Analogous

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



52.7962, 50.2412, 81.4878



56.5349, 50.2412, 69.0052



57.8830, 50.2412, 54.2699

Triad

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



56.5349, 50.2412, 69.0052



47.6009, 50.2412, 31.7821



40.0658, 50.2412, 69.8894

Complementary

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



56.5349, 50.2412, 69.0052



51.4942, 63.5639, 53.8138

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.



38.8793, 50.2412, 55.1407



56.5349, 50.2412, 69.0052



43.0412, 50.2412, 34.5448

Square

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



56.5349, 50.2412, 69.0052



52.5152, 50.2412, 34.2253



39.9307, 50.2412, 42.5295



43.2873, 50.2412, 82.0571

Rectangle

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



56.5349, 50.2412, 69.0052



57.1763, 50.2412, 45.5637



39.9307, 50.2412, 42.5295



39.4261, 50.2412, 64.9919

Sweetspot

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



56.5364, 50.2434, 69.0063



89.9363, 90.4535, 105.0964



47.2693, 45.3465, 73.9724



19.1359, 19.1482, 22.4084



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.



56.5364, 50.2434, 69.0063



76.2411, 65.1571, 94.0762



53.8745, 49.1787, 54.9891



13.5121, 13.2339, 15.9580



22.2984, 10.9204, 27.0149



1.4707, 0.7179, 1.8877

Inverse Universe

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



56.5364, 50.2434, 69.0063



76.2411, 65.1571, 94.0762



54.0297, 64.5781, 67.1656



13.5121, 13.2339, 15.9580



22.2984, 10.9204, 27.0149



1.4707, 0.7179, 1.8877

Previews

White Background



This preview shows how the XYZ color 56.5349, 50.2412, 69.0052 looks on a white background.

Color Contrast Check

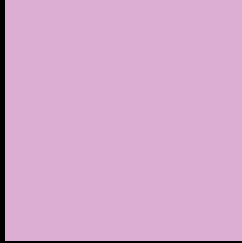
Large Text (above 18pt) WCAG AA × Fail

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 56.5349, 50.2412, 69.0052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

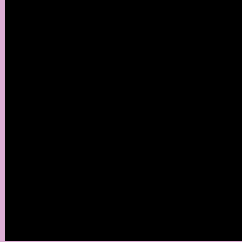
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5349, 50.2412, 69.0052

Background



This preview shows how black text looks on a background with the XYZ color 56.5349, 50.2412, 69.0052.



This preview shows how white text looks on a background with the XYZ color 56.5349, 50.2412,

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

56.5349, 50.2412, 69.0052

Protanopia

49.9800, 50.6530, 74.8529

Deuteranopia

51.3313, 50.2559, 67.9677



Tritanopia

53.9396, 50.3541, 56.1666

Trichromacy



Original Color

56.5349, 50.2412, 69.0052

Protanomaly

52.0173, 50.2014, 72.5939

Deuteranomaly

53.2560, 50.3248, 68.5348

Tritanomaly

54.9444, 50.4732, 60.8793

Monochromacy



Original Color

56.5349, 50.2412, 69.0052

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.0149, 51.3780, 61.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5349, 50.2412, 69.0052 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 212) }
```

Border

The CSS property to change the border of an element to XYZ 56.5349, 50.2412, 69.0052 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, 212) }
```


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

```
.border{ border-color:rgb(220, 174, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 174, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 174, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 174,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5349, 50.2412, 69.0052 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, 212) }
```

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

```
.background{ background-color: rgb(220,  
174, 212) }
```

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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