

Converting Colors

XYZ(56.5152, 50.3266, 66.4814)

Have a look what the booklet for
XYZ(56.5152, 50.3266, 66.4814)
contains.

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Color

**XYZ(56.3400, 50.1983,
66.3943)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAED0
RGB	221, 174, 208
RGB Percent	87%, 68%, 82%
CMY	0.1333, 0.3176, 0.1843
CMYK	0.00, 0.21, 0.06, 0.13
HSL	317°, 41%, 77%
HSV	317°, 21%, 87%
XYZ	56.3400, 50.1983, 66.3943
YIQ	191.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

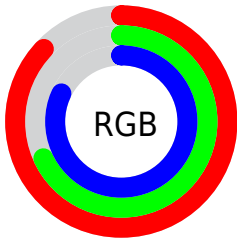
Format	Color
R _Y B	221, 174, 208
Decimal	14528208
CIE Lab	76.19, 22.64, -10.65
CIE LCh	76, 25.018, 334.810
Yxy	50.1983, 0.3258, 0.2903
Android (android.graphics.Color)	4292718288 (0xFFDDAED0)
YUV	191.9290, 7.9230, 25.4953
Hunter-Lab	70.8508, 17.9531, -5.9652

Details

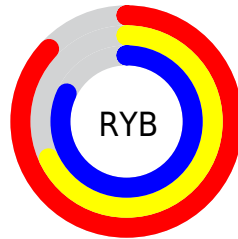
The XYZ color **56.3400, 50.1983, 66.3943** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.2836, 64.3009, 56.6723**, and the grayscale version is **50.0110, 52.6154, 57.2982**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **28.1872, 24.0072, 33.7201** is the 20% darker color. If you saturate the color by 10%, you get **51.6793, 42.0569, 61.2015**, and if you desaturate by 10%, it is **61.7350, 59.7606, 71.9761**.

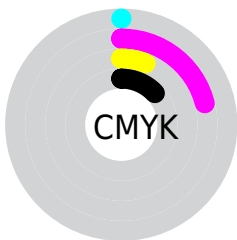
Distribution



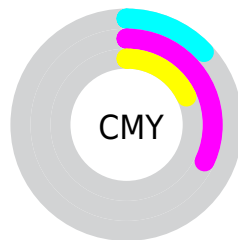
- Red (87%)
- Green (68%)
- Blue (82%)



- Red (87%)
- Yellow (68%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3400, 50.1983, 66.3943 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 56.3400, 50.1983, 66.3943 by changing the saturation by 10% instead.

■ 56.3400, 50.1983,
66.3943

■ 56.3400, 50.1983,
66.3943

401.0258,
387.4409, 466.2284

■ 40.7137, 35.5710,
48.1341

■ 98.6384, 90.4686,
115.6845

■ 28.2821, 24.1030,
33.5723

126.0413,
116.8804, 147.5515

■ 18.6800, 15.4101,
22.2905

158.1003,
147.9892, 184.7911

■ 11.5419, 9.1077,
13.8702

195.1809,
184.1792, 227.8220

■ 6.5025, 4.8115,
7.8927

237.6483,
225.8351, 277.0626

■ 3.1965, 2.1371,
3.9396

285.8681,

■ 1.2585, 0.6854,

273.3410, 332.9315

1.5923

340.2055,
327.0815, 395.8473

■ 0.1518, 0.0000,
0.2853

■ 0.0000, 0.0000,
0.0000

■ 56.3400, 50.1983,
66.3943

■ 56.3400, 50.1983,
66.3943

■ 51.6793, 42.0569,
61.2015

■ 61.7350, 59.7606,
71.9761

■ 47.7140, 35.2610,
56.3813

■ 67.8923, 70.8011,
77.9561

■ 44.4079, 29.7382,
51.9207

■ 74.8436, 83.3822,
84.3469

■ 41.7198, 25.4067,
47.8043

■ 80.2093, 92.7444,
90.3568

39.6039, 22.1752,
44.0152

81.0953, 93.0988,
95.0227

38.0075, 19.9389,
40.5341

82.0119, 93.4654,
99.8494

36.8677, 18.5726,
37.3382

82.9594, 93.8444,
104.8384

36.1527, 17.9058,
34.7478

83.6292, 94.1123,
108.3655

Harmonies

Analogous

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



53.0434, 50.1983, 78.7038



56.3400, 50.1983, 66.3943



57.2670, 50.1983, 52.5217

Triad

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



56.3400, 50.1983, 66.3943



46.9603, 50.1983, 32.7625



40.6889, 50.1983, 70.7539

Complementary

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



56.3400, 50.1983, 66.3943



52.2836, 64.3009, 56.6723

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.



39.2837, 50.1983, 56.8503



56.3400, 50.1983, 66.3943



42.7503, 50.1983, 36.0878

Square

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



56.3400, 50.1983, 66.3943



51.6512, 50.1983, 34.4716



40.0131, 50.1983, 44.3923



43.9783, 50.1983, 81.4959

Rectangle

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



56.3400, 50.1983, 66.3943



56.3682, 50.1983, 44.5273



40.0131, 50.1983, 44.3923



39.9907, 50.1983, 66.2180

Sweetspot

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



56.3415, 50.2005, 66.3954



89.6878, 90.3541, 103.7879



48.5688, 46.0011, 74.7267



19.0771, 19.1247, 22.0984



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.



56.3415, 50.2005, 66.3954



74.6096, 63.6208, 88.2083



53.7101, 49.1480, 52.5385



13.4527, 13.2102, 15.6453



21.0516, 10.4217, 20.4498



1.3996, 0.6895, 1.5131

Inverse Universe

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



56.3415, 50.2005, 66.3954



74.6096, 63.6208, 88.2083



54.9507, 65.3677, 70.7169



13.4527, 13.2102, 15.6453



21.0516, 10.4217, 20.4498



1.3996, 0.6895, 1.5131

Previews

White Background



This preview shows how the XYZ color 56.3400, 50.1983, 66.3943 looks on a white background.

Color Contrast Check

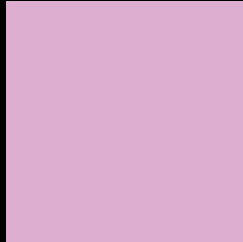
Large Text (above 18pt) WCAG AA × Fail

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 56.3400, 50.1983, 66.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

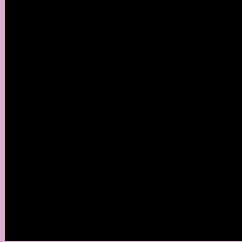
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3400, 50.1983, 66.3943

Background



This preview shows how black text looks on a background with the XYZ color 56.3400, 50.1983, 66.3943.



This preview shows how white text looks on a background with the XYZ color 56.3400, 50.1983,

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

56.3400, 50.1983, 66.3943

Protanopia

49.6934, 50.5658, 72.1068

Deuteranopia

51.3628, 50.3290, 65.3999



Tritanopia

54.3395, 50.2659, 56.1285

Trichromacy



Original Color

56.3400, 50.1983, 66.3943

Protanomaly

51.7641, 50.1303, 69.8986

Deuteranomaly

53.0373, 50.2693, 65.9391

Tritanomaly

55.1186, 50.2975, 59.6267

Monochromacy



Original Color

56.3400, 50.1983, 66.3943

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.1706, 51.4717, 60.6114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3400, 50.1983, 66.3943 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, 174, 208)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 208)  
}
```

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, 174, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.3400, 50.1983, 66.3943 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, 174, 208) }
```


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

```
.border{ border-color:rgb(221, 174, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 208);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3400, 50.1983, 66.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 208) }
```

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

```
.background{ background-color: rgb(221,  
174, 208) }
```

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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