

Converting Colors

XYZ(50.4606, 40.5203, 64.5411)

Have a look what the booklet for
XYZ(50.4606, 40.5203, 64.5411)
contains.

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Color

**XYZ(50.5903, 40.4856,
64.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	D994D0
RGB	217, 148, 208
RGB Percent	85%, 58%, 82%
CMY	0.1490, 0.4196, 0.1843
CMYK	0.00, 0.32, 0.04, 0.15
HSL	308°, 48%, 72%
HSV	308°, 32%, 85%
XYZ	50.5903, 40.4856, 64.8226
YIQ	175.4710, 21.8640, 33.2880

Conversions

Conversions Part 2

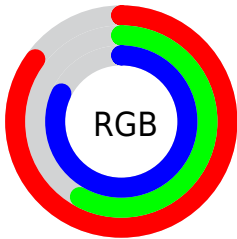
Format	Color
R _Y B	217, 148, 208
Decimal	14259408
CIE Lab	69.81, 35.32, -20.29
CIE LCh	70, 40.736, 330.121
Yxy	40.4856, 0.3245, 0.2597
Android (android.graphics.Color)	4292449488 (0xFFD994D0)
YUV	175.4710, 16.0368, 36.4209
Hunter-Lab	63.6283, 30.5743, -15.8631

Details

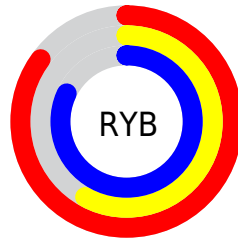
The XYZ color **50.5903, 40.4856, 64.8226** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.1130, 58.3571, 40.8924**, and the grayscale version is **40.9042, 43.0344, 46.8645**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **24.6306, 18.2427, 32.3600** is the 20% darker color. If you saturate the color by 10%, you get **47.1555, 34.1677, 61.9750**, and if you desaturate by 10%, it is **54.6719, 48.0856, 67.9173**.

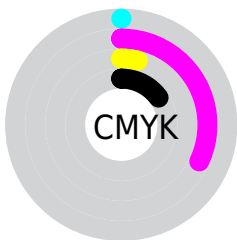
Distribution



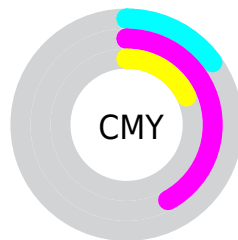
- Red (85%)
- Green (58%)
- Blue (82%)



- Red (85%)
- Yellow (58%)
- Blue (82%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5903, 40.4856, 64.8226 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 50.5903, 40.4856, 64.8226 by changing the saturation by 10% instead.


 50.5903, 40.4856,
64.8226


 50.5903, 40.4856,
64.8226


379.3838,
348.1661, 460.4429

 36.1024, 27.9174,
46.8668


 90.2355, 75.9024,
113.4056

 24.6837, 18.2634,
32.5768


 116.1234, 99.5198,
144.8699

 15.9691, 11.1392,
21.5340


146.5421,
127.5889, 181.6741

 9.5930, 6.1606,
13.3198

181.8569,
160.4943, 224.2368

 5.1901, 2.9430,
7.5159

222.4331,
198.6204, 272.9765

 2.3951, 1.1020,
3.7035

268.6361,

 0.8427, 0.0000,

242.3514, 328.3117

1.4641

320.8312,
292.0718, 390.6610

■ 0.0000, 0.0000,
0.1910

■ 0.0000, 0.0000,
0.0000

■ 50.5903, 40.4856,
64.8226

■ 50.5903, 40.4856,
64.8226

■ 47.1555, 34.1677,
61.9750

■ 54.6719, 48.0856,
67.9173

■ 44.3279, 29.0551,
59.3600

■ 59.4294, 57.0283,
71.2677

■ 42.0696, 25.0710,
56.9650

■ 64.8949, 67.3768,
74.8850

■ 40.3365, 22.1277,
54.7753

■ 71.0971, 79.1888,
78.7791

39.0783, 20.1245,
52.7740

77.5811, 91.5541,
82.7984

38.2346, 18.9405,
50.9406

77.9641, 91.7073,
84.8155

37.7677, 18.4127,
49.5338

78.3536, 91.8631,
86.8663

78.7494, 92.0214,
88.9509

79.1518, 92.1824,
91.0697

Harmonies

Analogous

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



45.2195, 40.4856, 83.6722



50.5903, 40.4856, 64.8226



52.6456, 40.4856, 44.0052

Triad

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



50.5903, 40.4856, 64.8226



38.4535, 40.4856, 16.7759



28.4977, 40.4856, 64.9948

Complementary

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



50.5903, 40.4856, 64.8226



43.1130, 58.3571, 40.8924

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.



27.1155, 40.4856, 44.1588



50.5903, 40.4856, 64.8226



32.4464, 40.4856, 19.4925

Square

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



50.5903, 40.4856, 64.8226



45.1678, 40.4856, 19.4480



28.4758, 40.4856, 28.3172



32.4879, 40.4856, 83.7900

Rectangle

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



50.5903, 40.4856, 64.8226



51.6951, 40.4856, 32.7054



28.4758, 40.4856, 28.3172



27.7345, 40.4856, 57.8312

Sweetspot

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



50.5916, 40.4874, 64.8235



86.9169, 84.5833, 103.5698



36.8361, 33.2646, 70.1256



18.3773, 17.6766, 22.0147



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.



50.5916, 40.4874, 64.8235



69.5651, 52.1803, 90.6934



46.8906, 39.0070, 45.3343



13.5375, 13.2441, 16.0916



22.8903, 11.1572, 30.1320



1.5037, 0.7311, 2.0616

Inverse Universe

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



50.5916, 40.4874, 64.8235



69.5651, 52.1803, 90.6934



46.3816, 59.6645, 58.1043



13.5375, 13.2441, 16.0916



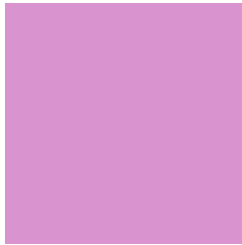
22.8903, 11.1572, 30.1320



1.5037, 0.7311, 2.0616

Previews

White Background



This preview shows how the XYZ color 50.5903, 40.4856, 64.8226 looks on a white background.

Color Contrast Check

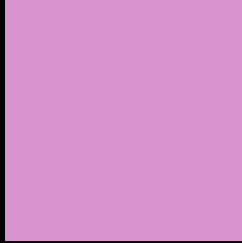
Large Text (above 18pt) WCAG AA × Fail

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 50.5903, 40.4856, 64.8226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

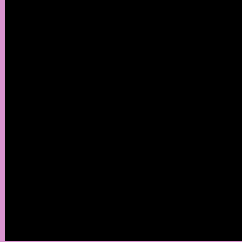
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5903, 40.4856, 64.8226

Background



This preview shows how black text looks on a background with the XYZ color 50.5903, 40.4856, 64.8226.



This preview shows how white text looks on a background with the XYZ color 50.5903, 40.4856,

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

50.5903, 40.4856, 64.8226

Protanopia

41.4119, 40.8717, 75.5184

Deuteranopia

41.5124, 40.6550, 62.7860



Tritanopia

46.1077, 40.6011, 42.4524

Trichromacy



Original Color

50.5903, 40.4856, 64.8226



Protanomaly

43.9902, 40.1354, 71.7580



Deuteranomaly

44.3293, 40.2408, 63.1884



Tritanomaly

47.6700, 40.4975, 50.1041

Monochromacy



Original Color

50.5903, 40.4856, 64.8226



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.6600, 41.4453, 52.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5903, 40.4856, 64.8226 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(217, 148, 208)` looks like.

```
.text, #text, p{  
    color:rgb(217, 148, 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(217, 148, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 148, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.5903, 40.4856, 64.8226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

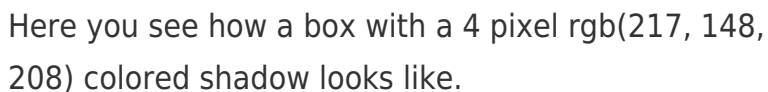
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 148, 208) }
```


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

```
.border{ border-color:rgb(217, 148, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 148, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 148, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 148, 208);  
box-shadow:4px 4px 4px 4px rgb(217, 148,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5903, 40.4856, 64.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 148, 208) }
```

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

```
.background{ background-color: rgb(217,  
148, 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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