

Converting Colors

XYZ(50.5956, 41.4291, 62.3092)

Have a look what the booklet for
XYZ(50.5956, 41.4291, 62.3092)
contains.

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Color

**XYZ(50.7426, 41.5678,
62.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	D998CC
RGB	217, 152, 204
RGB Percent	85%, 60%, 80%
CMY	0.1490, 0.4039, 0.2000
CMYK	0.00, 0.30, 0.06, 0.15
HSL	312°, 46%, 72%
HSV	312°, 30%, 85%
XYZ	50.7426, 41.5678, 62.4757
YIQ	177.3630, 22.0480, 29.9520

Conversions

Conversions Part 2

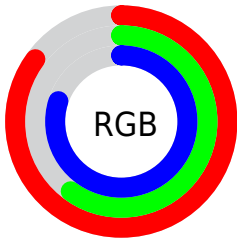
Format	Color
R_{YB}	217, 152, 204
Decimal	14260428
CIE _{Lab}	70.57, 32.46, -16.93
CIE _{LCh}	71, 36.611, 332.454
Yxy	41.5678, 0.3278, 0.2685
Android (android.graphics.Color)	4292450508 (0xFFD998CC)
YUV	177.3630, 13.1320, 34.7616
Hunter-Lab	64.4731, 27.6579, -12.3220

Details

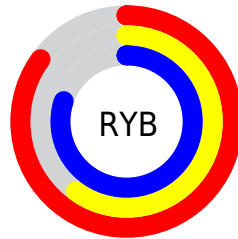
The XYZ color **50.7426, 41.5678, 62.4757** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5550, 59.0190, 44.6433**, and the grayscale version is **41.9068, 44.0892, 48.0132**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **24.7601, 18.8934, 31.1960** is the 20% darker color. If you saturate the color by 10%, you get **47.0246, 34.9527, 58.7039**, and if you desaturate by 10%, it is **55.1220, 49.4811, 66.5405**.

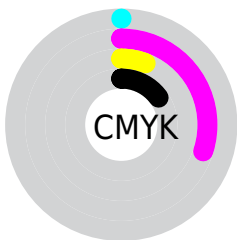
Distribution



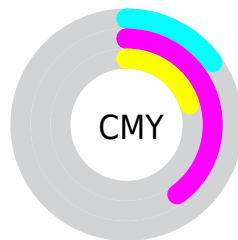
- Red (85%)
- Green (60%)
- Blue (80%)



- Red (85%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7426, 41.5678, 62.4757 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 50.7426, 41.5678, 62.4757 by changing the saturation by 10% instead.


 50.7426, 41.5678,
62.4757

 50.7426, 41.5678,
62.4757


379.9671,
352.6882, 451.7196

 36.2240, 28.7630,
44.9789

 90.4594, 77.5451,
109.9910

 24.7782, 18.9016,
31.0980


 116.3884,
101.4864, 140.8466

 16.0397, 11.5992,
20.4144


146.8515,
129.9086, 176.9922

 9.6433, 6.4714,
12.5096

182.2142,
163.1963, 218.8464

 5.2235, 3.1338,
6.9650

222.8417,
201.7336, 266.8277

 2.4151, 1.2020,
3.3621

269.0994,

 0.8526, 0.0633,

245.9051, 321.3547

1.2824

321.3528,
296.0952, 382.8458

■ 0.0000, 0.0000,
0.0473

■ 0.0000, 0.0000,
0.0000

■ 50.7426, 41.5678,
62.4757

■ 50.7426, 41.5678,
62.4757

■ 47.0246, 34.9527,
58.7039

■ 55.1220, 49.4811,
66.5405

■ 43.9288, 29.5597,
55.2100

■ 60.1915, 58.7519,
70.9070

■ 41.4179, 25.3135,
51.9816

■ 65.9829, 69.4428,
75.5868

■ 39.4488, 22.1284,
49.0036

■ 72.5247, 81.6108,
80.5901

37.9724, 19.9063,
46.2591

78.0623, 91.7466,
85.3324

36.9305, 18.5310,
43.7281

78.6646, 91.9875,
88.5040

36.2196, 17.7953,
41.3754

79.2821, 92.2345,
91.7555

36.2164, 17.7922,
41.3644

79.9149, 92.4876,
95.0876

80.5630, 92.7469,
98.5008

Harmonies

Analogous

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



46.0836, 41.5678, 79.5815



50.7426, 41.5678, 62.4757



52.3034, 41.5678, 43.8494

Triad

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



50.7426, 41.5678, 62.4757



39.0132, 41.5678, 19.4742



30.4861, 41.5678, 65.5877

Complementary

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



50.7426, 41.5678, 62.4757



44.5550, 59.0190, 44.6433

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.



28.9923, 41.5678, 46.7011



50.7426, 41.5678, 62.4757



33.5914, 41.5678, 22.5724

Square

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



50.7426, 41.5678, 62.4757



45.1347, 41.5678, 21.6875



30.0692, 41.5678, 31.5391



34.3713, 41.5678, 81.6768

Rectangle

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



50.7426, 41.5678, 62.4757



51.2603, 41.5678, 33.6945



30.0692, 41.5678, 31.5391



29.7066, 41.5678, 59.2094

Sweetspot

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



50.7439, 41.5697, 62.4766



87.4303, 85.9292, 102.7575



39.2715, 35.4677, 70.4226



18.4675, 17.9399, 21.7894



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.



50.7439, 41.5697, 62.4766



69.6060, 53.6188, 86.5250



47.2435, 40.1695, 44.0438



13.4969, 13.2279, 15.8781



21.9617, 10.7857, 25.2422



1.4518, 0.7103, 1.7878

Inverse Universe

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



50.7439, 41.5697, 62.4766



69.6060, 53.6188, 86.5250



47.8987, 60.3565, 62.2511



13.4969, 13.2279, 15.8781



21.9617, 10.7857, 25.2422



1.4518, 0.7103, 1.7878

Previews

White Background



This preview shows how the XYZ color 50.7426, 41.5678, 62.4757 looks on a white background.

Color Contrast Check

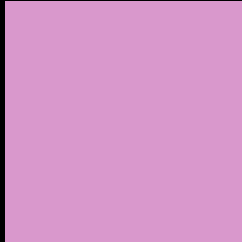
Large Text (above 18pt) WCAG AA × Fail

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 50.7426, 41.5678, 62.4757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

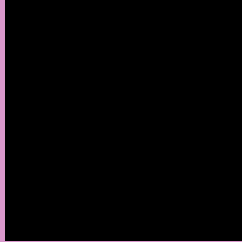
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7426, 41.5678, 62.4757

Background



This preview shows how black text looks on a background with the XYZ color 50.7426, 41.5678, 62.4757.



This preview shows how white text looks on a background with the XYZ color 50.7426, 41.5678,

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

50.7426, 41.5678, 62.4757

Protanopia

41.9876, 41.8170, 71.5041

Deuteranopia

42.6351, 41.8231, 61.0839



Tritanopia

46.9231, 41.5021, 43.5678

Trichromacy



Original Color

50.7426, 41.5678, 62.4757

Protanomaly

44.4505, 41.2495, 67.9065

Deuteranomaly

45.2437, 41.5350, 61.5096

Tritanomaly

48.0635, 41.4505, 49.7235

Monochromacy



Original Color

50.7426, 41.5678, 62.4757

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.7105, 42.7996, 52.9184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7426, 41.5678, 62.4757 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, 152, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 204)  
}
```

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, 152, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.7426, 41.5678, 62.4757 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, 152, 204) }
```


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

```
.border{ border-color:rgb(217, 152, 204) }
```

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

Here you see how a box with a 4 pixel rgb(217, 152, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7426, 41.5678, 62.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 204) }
```

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

```
.background{ background-color: rgb(217,  
152, 204) }
```

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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