

Converting Colors

XYZ(51.9262, 41.0848, 71.1035)

Have a look what the booklet for
XYZ(51.9262, 41.0848, 71.1035)
contains.

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Color

**XYZ(51.7296, 40.9413,
70.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	D994D9
RGB	217, 148, 217
RGB Percent	85%, 58%, 85%
CMY	0.1490, 0.4196, 0.1490
CMYK	0.00, 0.32, 0.00, 0.15
HSL	300°, 48%, 72%
HSV	300°, 32%, 85%
XYZ	51.7296, 40.9413, 70.8217
YIQ	176.4970, 18.9750, 36.0870

Conversions

Conversions Part 2

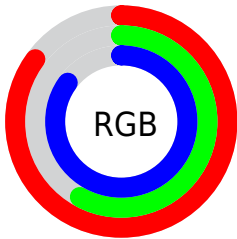
Format	Color
RYB	217, 148, 217
Decimal	14259417
CIELab	70.13, 36.96, -24.78
CIElCh	70, 44.496, 326.160
Yxy	40.9413, 0.3164, 0.2504
Android (android.graphics.Color)	4292449497 (0xFFD994D9)
YUV	176.4970, 19.9680, 35.5211
Hunter-Lab	63.9854, 32.3356, -20.8349

Details

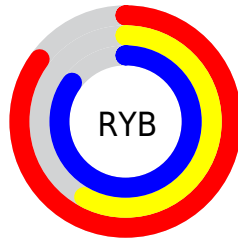
The XYZ color **51.7296, 40.9413, 70.8217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.3726, 58.0611, 36.9929**, and the grayscale version is **41.4194, 43.5765, 47.4548**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **25.4024, 18.5514, 36.4244** is the 20% darker color. If you saturate the color by 10%, you get **48.6401, 34.7615, 69.7922**, and if you desaturate by 10%, it is **55.4598, 48.4008, 72.0656**.

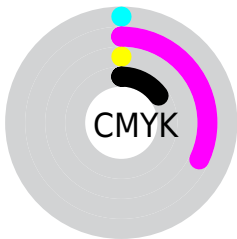
Distribution



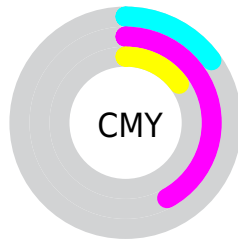
- Red (85%)
- Green (58%)
- Blue (85%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7296, 40.9413, 70.8217 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 51.7296, 40.9413, 70.8217 by changing the saturation by 10% instead.


 51.7296, 40.9413,
70.8217


 51.7296, 40.9413,
70.8217


383.7329,
350.0752, 482.2968

 37.0130, 28.2732,
51.7158


 91.9089, 76.5948,
122.0719

 25.3913, 18.5317,
36.3979


 118.1023,
100.3490, 155.0532

 16.4991, 11.3324,
24.4495


148.8521,
128.5673, 193.4968

 9.9711, 6.2909,
15.4521

184.5235,
161.6342, 237.8211

 5.4419, 3.0227,
8.9872

225.4819,
199.9341, 288.4447

 2.5462, 1.1436,
4.6361

272.0927,

 0.9186, 0.0149,

243.8512, 345.7862

1.9804

324.7213,
293.7702, 410.2640

■ 0.0000, 0.0000,
0.5432

■ 0.0000, 0.0000,
0.0000

■ 51.7296, 40.9413,
70.8217

■ 51.7296, 40.9413,
70.8217

■ 48.6401, 34.7615,
69.7922

■ 55.4598, 48.4008,
72.0656

■ 46.1516, 29.7845,
68.9626

■ 59.8596, 57.2004,
73.5324

■ 44.2261, 25.9336,
68.3206

■ 64.9611, 67.4033,
75.2330

■ 42.8198, 23.1211,
67.8517

■ 70.7930, 79.0671,
77.1771

41.8823, 21.2461,
67.5391

76.9004, 91.2818,
79.2130

41.3532, 20.1880,
67.3626

76.9004, 91.2818,
79.2131

41.1401, 19.7617,
67.2915

76.9004, 91.2818,
79.2132

76.9004, 91.2818,
79.2134

76.9004, 91.2818,
79.2135

Harmonies

Analogous

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



45.4136, 40.9413, 91.0819



51.7296, 40.9413, 70.8217



54.6089, 40.9413, 47.3157

Triad

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



51.7296, 40.9413, 70.8217



39.8580, 40.9413, 15.3595



27.6580, 40.9413, 64.6803

Complementary

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



51.7296, 40.9413, 70.8217



42.3726, 58.0611, 36.9929

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.



26.5566, 40.9413, 41.9483



51.7296, 40.9413, 70.8217



33.0653, 40.9413, 17.4182

Square

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



51.7296, 40.9413, 70.8217



47.2363, 40.9413, 18.8921



28.4110, 40.9413, 25.7805



31.6307, 40.9413, 86.8292

Rectangle

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



51.7296, 40.9413, 70.8217



53.9580, 40.9413, 34.3300



28.4110, 40.9413, 25.7805



26.9628, 40.9413, 56.6862

Sweetspot

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



51.7309, 40.9431, 70.8226



87.4478, 84.7957, 106.3658



35.3289, 32.4875, 70.0554



18.5068, 17.7284, 22.6964



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.



51.7309, 40.9431, 70.8226



71.5338, 52.9678, 101.0606



47.7020, 39.3315, 49.6067



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Inverse Universe

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



51.7309, 40.9431, 70.8226



71.5338, 52.9678, 101.0606



45.5225, 59.3211, 53.5800



13.6144, 13.2749, 16.4969



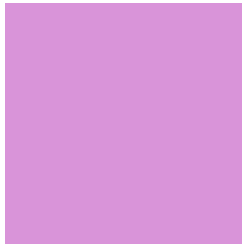
24.9036, 11.9625, 40.7341



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 51.7296, 40.9413, 70.8217 looks on a white background.

Color Contrast Check

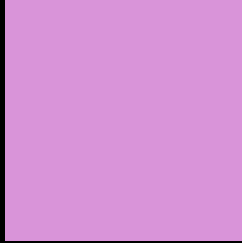
Large Text (above 18pt) WCAG AA × Fail

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 51.7296, 40.9413, 70.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

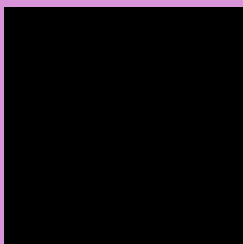
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7296, 40.9413, 70.8217

Background



This preview shows how black text looks on a background with the XYZ color 51.7296, 40.9413, 70.8217.



This preview shows how white text looks on a background with the XYZ color 51.7296, 40.9413,

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

51.7296, 40.9413, 70.8217

Protanopia

42.4091, 41.5027, 82.8664

Deuteranopia

41.9492, 41.0248, 68.6584



Tritanopia

46.0824, 40.8274, 42.9878

Trichromacy



Original Color

51.7296, 40.9413, 70.8217



Protanomaly

44.9169, 40.7338, 78.1681



Deuteranomaly

44.8901, 40.6591, 69.1004



Tritanomaly

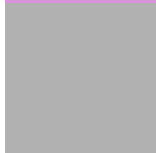
47.8591, 40.8025, 51.8076

Monochromacy



Original Color

51.7296, 40.9413, 70.8217



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.8889, 42.2847, 55.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7296, 40.9413, 70.8217 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 148, 217)  
}
```

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, 217) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 51.7296, 40.9413, 70.8217 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, 217) }
```


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

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

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, 217)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 51.7296, 40.9413, 70.8217 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, 217) }
```

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

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

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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