

Converting Colors

XYZ(52.4380, 42.1604, 71.8619)

Have a look what the booklet for
XYZ(52.4380, 42.1604, 71.8619)
contains.

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Color

**XYZ(52.4984, 42.2701,
71.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	D998DA
RGB	217, 152, 218
RGB Percent	85%, 60%, 85%
CMY	0.1490, 0.4039, 0.1451
CMYK	0.00, 0.30, 0.00, 0.15
HSL	299°, 47%, 73%
HSV	299°, 30%, 85%
XYZ	52.4984, 42.2701, 71.7217
YIQ	178.9590, 17.5540, 34.3060

Conversions

Conversions Part 2

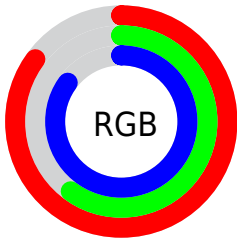
Format	Color
R _Y B	217, 152, 218
Decimal	14260442
CIE Lab	71.06, 35.00, -23.92
CIE LCh	71, 42.390, 325.648
Yxy	42.2701, 0.3153, 0.2539
Android (android.graphics.Color)	4292450522 (0xFFD998DA)
YUV	178.9590, 19.2472, 33.3620
Hunter-Lab	65.0155, 30.3573, -19.8948

Details

The XYZ color **52.4984, 42.2701, 71.7217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.8772, 59.1832, 38.8187**, and the grayscale version is **42.7212, 44.9460, 48.9462**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **25.8660, 19.3358, 37.0192** is the 20% darker color. If you saturate the color by 10%, you get **49.1826, 35.7832, 70.6450**, and if you desaturate by 10%, it is **56.4673, 50.0613, 73.0170**.

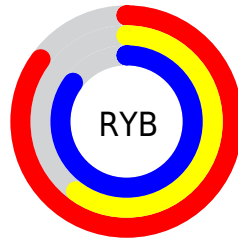
Distribution



Red (85%)

Green (60%)

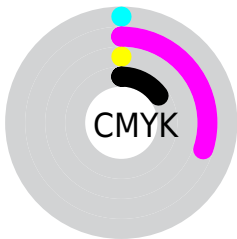
Blue (85%)



Red (85%)

Yellow (60%)

Blue (85%)

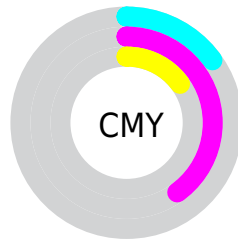


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (40%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4984, 42.2701, 71.7217 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 52.4984, 42.2701, 71.7217 by changing the saturation by 10% instead.


 52.4984, 42.2701,
71.7217


 52.4984, 42.2701,
71.7217


386.6501,
355.6014, 485.5238

 37.6284, 29.3128,
52.4459


 93.0357, 78.6082,
123.3648

 25.8703, 19.3176,
36.9759


 119.4338,
102.7579, 156.5692

 16.8588, 11.9000,
24.8932


150.4052,
131.4072, 195.2536

 10.2285, 6.6756,
15.7792

186.3153,
164.9405, 239.8365

 5.6142, 3.2601,
9.2154

227.5295,
203.7421, 290.7364

 2.6503, 1.2690,
4.7832

274.4131,

 0.9717, 0.1170,

248.1966, 348.3719

2.0641

327.3316,
298.6882, 413.1615

■ 0.0000, 0.0000,
0.5943

■ 0.0000, 0.0000,
0.0000

■ 52.4984, 42.2701,
71.7217

■ 52.4984, 42.2701,
71.7217

■ 49.1826, 35.7832,
70.6450

■ 56.4673, 50.0613,
73.0170

■ 46.4802, 30.5236,
69.7722

■ 61.1183, 59.2172,
74.5391

■ 44.3535, 26.4151,
69.0913

■ 66.4834, 69.8009,
76.2992

■ 42.7588, 23.3706,
68.5877

■ 72.5915, 81.8703,
78.3069

41.6465, 21.2903,
68.2448

77.5239, 91.5882,
79.9227

40.9574, 20.0561,
68.0429

77.6231, 91.6393,
79.9273

40.5912, 19.4636,
67.9478

77.7226, 91.6906,
79.9320

77.8222, 91.7419,
79.9366

77.9220, 91.7934,
79.9413

Harmonies

Analogous

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



46.3627, 42.2701, 90.8865



52.4984, 42.2701, 71.7217



55.3397, 42.2701, 49.0481

Triad

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



52.4984, 42.2701, 71.7217



41.2186, 42.2701, 17.0643



29.1097, 42.2701, 65.0505

Complementary

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



52.4984, 42.2701, 71.7217



43.8772, 59.1832, 38.8187

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.



28.0718, 42.2701, 43.1287



52.4984, 42.2701, 71.7217



34.5665, 42.2701, 19.0624

Square

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



52.4984, 42.2701, 71.7217



48.3598, 42.2701, 20.7544



29.9513, 42.2701, 27.3414



32.9727, 42.2701, 86.3078

Rectangle

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



52.4984, 42.2701, 71.7217



54.7656, 42.2701, 36.2881



29.9513, 42.2701, 27.3414



28.4398, 42.2701, 57.3641

Sweetspot

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



52.4997, 42.2720, 71.7226



88.0329, 86.1555, 106.5976



37.0132, 34.5546, 71.0492



18.6170, 17.9960, 22.7423



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.



52.4997, 42.2720, 71.7226



71.9131, 54.4827, 101.3337



49.0166, 40.9131, 51.8252



13.5939, 13.2643, 16.4959



24.3270, 11.6652, 40.7078



1.5824, 0.7590, 2.6375

Inverse Universe

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



45.8928, 39.6636, 35.3758



61.1270, 50.2272, 41.8751



46.6630, 60.2758, 54.4690



13.0640, 13.0547, 13.5983



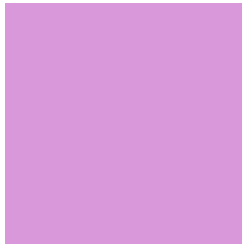
17.3366, 8.9357, 0.8864



1.1260, 0.5800, 0.0726

Previews

White Background



This preview shows how the XYZ color 52.4984, 42.2701, 71.7217 looks on a white background.

Color Contrast Check

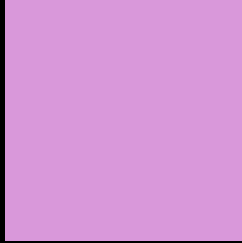
Large Text (above 18pt) WCAG AA × Fail

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 52.4984, 42.2701, 71.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

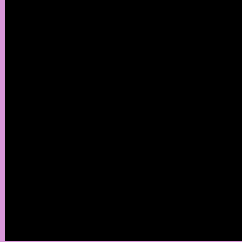
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4984, 42.2701, 71.7217

Background



This preview shows how black text looks on a background with the XYZ color 52.4984, 42.2701, 71.7217.



This preview shows how white text looks on a background with the XYZ color 52.4984, 42.2701,

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

52.4984, 42.2701, 71.7217

Protanopia

43.3651, 42.5563, 83.0194

Deuteranopia

43.4951, 42.6388, 69.5560



Tritanopia

47.1517, 42.3558, 45.2255

Trichromacy



Original Color

52.4984, 42.2701, 71.7217



Protanomaly

46.0491, 42.0954, 79.0970



Deuteranomaly

46.2802, 42.1486, 69.9862



Tritanomaly

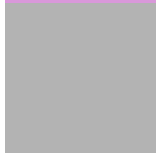
48.8527, 42.2740, 53.7290

Monochromacy



Original Color

52.4984, 42.2701, 71.7217



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

45.8059, 43.5636, 56.4465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4984, 42.2701, 71.7217 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.4984, 42.2701, 71.7217 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, 218) }
```


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

```
.border{ border-color:rgb(217, 152, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4984, 42.2701, 71.7217 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, 218) }
```

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

```
.background{ background-color: rgb(217,  
152, 218) }
```

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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