

Converting Colors

XYZ(52.8947, 42.4286, 73.8083)

Have a look what the booklet for
XYZ(52.8947, 42.4286, 73.8083)
contains.

XYZ(52.8947, 42.4286, 73.8083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8947, 42.4286,
73.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	D998DD
RGB	217, 152, 221
RGB Percent	85%, 60%, 87%
CMY	0.1490, 0.4039, 0.1333
CMYK	0.02, 0.31, 0.00, 0.13
HSL	297°, 50%, 73%
HSV	297°, 31%, 87%
XYZ	52.8947, 42.4286, 73.8083
YIQ	179.3010, 16.5910, 35.2390

Conversions

Conversions Part 2

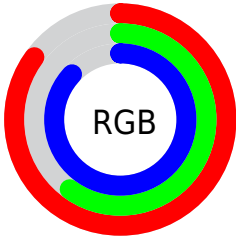
Format	Color
R_{YB}	217, 152, 221
Decimal	14260445
CIE _{Lab}	71.17, 35.56, -25.40
CIE _{LCh}	71, 43.700, 324.456
Yxy	42.4286, 0.3127, 0.2509
Android (android.graphics.Color)	4292450525 (0xFFD998DD)
YUV	179.3010, 20.5576, 33.0620
Hunter-Lab	65.1372, 30.9608, -21.5866

Details

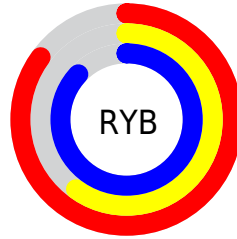
The XYZ color **52.8947, 42.4286, 73.8083** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.2356, 61.0488, 39.1072**, and the grayscale version is **42.8969, 45.1309, 49.1476**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **26.1380, 19.4446, 38.4519** is the 20% darker color. If you saturate the color by 10%, you get **49.2577, 35.7168, 72.7051**, and if you desaturate by 10%, it is **57.2056, 50.4821, 75.1362**.

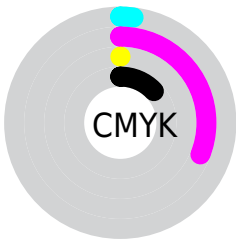
Distribution



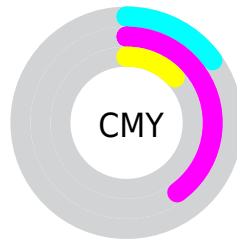
- Red (85%)
- Green (60%)
- Blue (87%)



- Red (85%)
- Yellow (60%)
- Blue (87%)



- Cyan (2%)
- Magenta (31%)
- Yellow (0%)
- Black (13%)





- Cyan (15%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8947, 42.4286, 73.8083 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 52.8947, 42.4286, 73.8083 by changing the saturation by 10% instead.


 52.8947, 42.4286,
73.8083


 52.8947, 42.4286,
73.8083


388.1485,
356.2566, 492.9572

 37.9459, 29.4370,
54.1413

 93.6158, 78.8479,
126.3556

 26.1177, 19.4117,
38.3207


 120.1189,
103.0444, 160.0729

 17.0449, 11.9681,
25.9279


151.2040,
131.7447, 199.3108

 10.3620, 6.7220,
16.5445

187.2365,
165.3331, 244.4878

 5.7037, 3.2888,
9.7517

228.5819,
204.1942, 296.0223

 2.7047, 1.2843,
5.1312

275.6055,

 0.9996, 0.1290,

248.7122, 354.3331

2.2644

328.6725,
299.2715, 419.8385

■ 0.0000, 0.0000,
0.7112

■ 0.0000, 0.0000,
0.0000

■ 52.8947, 42.4286,
73.8083

■ 52.8947, 42.4286,
73.8083

■ 49.2577, 35.7168,
72.7051

■ 57.2056, 50.4821,
75.1362

■ 46.2534, 30.2668,
71.8115

■ 62.2207, 59.9404,
76.6975

■ 43.8422, 25.9989,
71.1148

■ 67.9733, 70.8693,
78.5038

■ 41.9787, 22.8218,
70.5998

■ 74.4934, 83.3288,
80.5651

40.6105, 20.6309,
70.2490

79.3681, 92.4931,
82.0771

39.6751, 19.3015,
70.0417

79.7652, 92.6979,
82.0956

39.1176, 18.6582,
69.9469

80.1654, 92.9041,
82.1144

80.5685, 93.1120,
82.1332

80.9747, 93.3213,
82.1522

Harmonies

Analogous

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



46.4378, 42.4286, 93.4488



52.8947, 42.4286, 73.8083



56.0170, 42.4286, 50.2010

Triad

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



52.8947, 42.4286, 73.8083



41.7018, 42.4286, 16.5750



28.8263, 42.4286, 64.9711

Complementary

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



52.8947, 42.4286, 73.8083



45.2356, 61.0488, 39.1072

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.



27.8801, 42.4286, 42.4127



52.8947, 42.4286, 73.8083



34.7774, 42.4286, 18.3665

Square

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



52.8947, 42.4286, 73.8083



49.0729, 42.4286, 20.5528



29.9268, 42.4286, 26.5071



32.6876, 42.4286, 87.3593

Rectangle

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



52.8947, 42.4286, 73.8083



55.5456, 42.4286, 36.8495



29.9268, 42.4286, 26.5071



28.1780, 42.4286, 57.0063

Sweetspot

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



52.8961, 42.4305, 73.8092



87.6730, 85.9700, 106.5807



37.9911, 35.8766, 73.3298



18.5276, 17.9499, 22.7381



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.



52.8961, 42.4305, 73.8092



69.9904, 52.8251, 101.1151



50.4633, 41.5963, 54.7186



13.5360, 13.2344, 16.4932



22.7576, 10.8561, 40.6344



1.4975, 0.7153, 2.6336

Inverse Universe

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



47.0491, 40.2307, 36.7396



60.8176, 49.3851, 42.4603



47.2399, 61.7626, 53.6350



13.0865, 13.0637, 13.7167



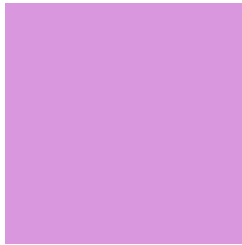
17.3772, 8.9519, 1.1006



1.1368, 0.5844, 0.1293

Previews

White Background



This preview shows how the XYZ color 52.8947, 42.4286, 73.8083 looks on a white background.

Color Contrast Check

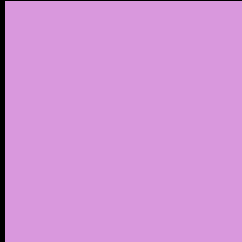
Large Text (above 18pt) WCAG AA × Fail

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 52.8947, 42.4286, 73.8083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

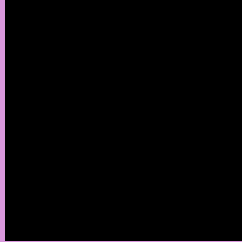
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8947, 42.4286, 73.8083

Background



This preview shows how black text looks on a background with the XYZ color 52.8947, 42.4286, 73.8083.



This preview shows how white text looks on a background with the XYZ color 52.8947, 42.4286,

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

52.8947, 42.4286, 73.8083

Protanopia

43.6031, 42.6291, 85.2870

Deuteranopia

43.6649, 42.6816, 71.5826



Tritanopia

47.2488, 42.3946, 45.7371

Trichromacy



Original Color

52.8947, 42.4286, 73.8083



Protanomaly

46.2390, 42.1448, 81.2990



Deuteranomaly

46.4239, 42.1777, 72.0240



Tritanomaly

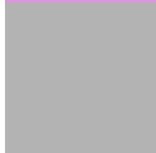
49.0714, 42.3614, 54.8804

Monochromacy



Original Color

52.8947, 42.4286, 73.8083



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

45.9179, 43.6084, 57.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8947, 42.4286, 73.8083 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 221) }
```

Border

The CSS property to change the border of an element to XYZ 52.8947, 42.4286, 73.8083 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, 221) }
```


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

```
.border{ border-color:rgb(217, 152, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8947, 42.4286, 73.8083 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, 221) }
```

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

```
.background{ background-color: rgb(217,  
152, 221) }
```

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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