

Converting Colors

XYZ(53.5115, 42.5040, 79.6151)

Have a look what the booklet for
XYZ(53.5115, 42.5040, 79.6151)
contains.

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Color

**XYZ(53.6900, 42.7125,
79.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	D898E5
RGB	216, 152, 229
RGB Percent	85%, 60%, 90%
CMY	0.1529, 0.4039, 0.1020
CMYK	0.06, 0.34, 0.00, 0.10
HSL	290°, 60%, 75%
HSV	290°, 34%, 90%
XYZ	53.6900, 42.7125, 79.5433
YIQ	179.9140, 13.4270, 37.5150

Conversions

Conversions Part 2

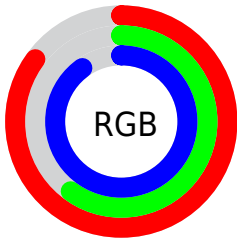
Format	Color
RYB	216, 152, 229
Decimal	14194917
CIELab	71.36, 36.77, -29.51
CIELCh	71, 47.148, 321.256
Yxy	42.7125, 0.3052, 0.2428
Android (android.graphics.Color)	4292384997 (0xFFD898E5)
YUV	179.9140, 24.1994, 31.6474
Hunter-Lab	65.3548, 32.2697, -26.4135

Details

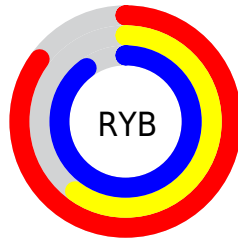
The XYZ color **53.6900, 42.7125, 79.5433** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **49.2052, 66.3060, 39.9126**, and the grayscale version is **43.2068, 45.4569, 49.5025**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **26.5972, 19.6051, 41.9175** is the 20% darker color. If you saturate the color by 10%, you get **49.1975, 35.4025, 78.3697**, and if you desaturate by 10%, it is **58.9296, 51.4751, 80.9591**.

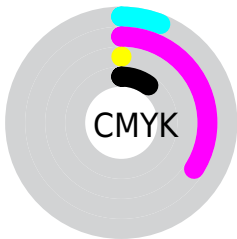
Distribution



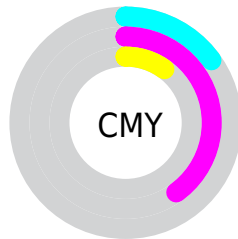
- Red (85%)
- Green (60%)
- Blue (90%)



- Red (85%)
- Yellow (60%)
- Blue (90%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)




- Cyan (15%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6900, 42.7125, 79.5433 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 53.6900, 42.7125, 79.5433 by changing the saturation by 10% instead.


 53.6900, 42.7125,
79.5433


 53.6900, 42.7125,
79.5433


391.1444,
357.4281, 513.0585

 38.5836, 29.6596,
58.8187

 94.7785, 79.2768,
134.5290

 26.6152, 19.5804,
42.0481


 121.4913,
103.5571, 169.6272

 17.4195, 12.0904,
28.8131


152.8035,
132.3485, 210.3536

 10.6312, 6.8053,
18.6951

189.0806,
166.0356, 257.1269

 5.8849, 3.3406,
11.2756

230.6879,
205.0027, 310.3654

 2.8152, 1.3120,
6.1360

277.9907,

 1.0568, 0.1505,

249.6342, 370.4878

2.8578

331.3544,
300.3146, 437.9127

■ 0.0000, 0.0000,
1.0225

■ 0.0000, 0.0000,
0.0000

■ 53.6900, 42.7125,
79.5433

■ 53.6900, 42.7125,
79.5433

■ 49.1975, 35.4025,
78.3697

■ 58.9296, 51.4751,
80.9591

■ 45.4064, 29.4564,
77.4219

■ 64.9506, 61.7610,
82.6272

■ 42.2721, 24.7848,
76.6853

■ 71.7898, 73.6430,
84.5602

■ 39.7433, 21.2849,
76.1431

■ 79.4806, 87.1876,
86.7692

37.7603, 18.8379,
75.7753

84.2738, 94.8960,
88.0044

36.2509, 17.2996,
75.5579

85.5667, 95.5625,
88.0649

35.4631, 16.6481,
75.4737

86.8875, 96.2434,
88.1268

88.2364, 96.9388,
88.1899

89.6136, 97.6488,
88.2543

Harmonies

Analogous

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



46.3801, 42.7125, 100.2372



53.6900, 42.7125, 79.5433



57.6113, 42.7125, 53.4668

Triad

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



53.6900, 42.7125, 79.5433



42.9596, 42.7125, 15.3187



27.9789, 42.7125, 64.2044

Complementary

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



53.6900, 42.7125, 79.5433



49.2052, 66.3060, 39.9126

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.



27.3131, 42.7125, 40.1783



53.6900, 42.7125, 79.5433



35.3157, 42.7125, 16.5239

Square

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



53.6900, 42.7125, 79.5433



50.9080, 42.7125, 20.0833



29.8269, 42.7125, 24.1791



31.7816, 42.7125, 89.5624

Rectangle

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



53.6900, 42.7125, 79.5433



57.4648, 42.7125, 38.4923



29.8269, 42.7125, 24.1791



27.4023, 42.7125, 55.5627

Sweetspot

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



53.6914, 42.7143, 79.5442



85.8817, 83.9883, 106.2927



40.7508, 39.6493, 79.6347



18.1250, 17.5316, 22.6786



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.



53.6914, 42.7143, 79.5442



64.6272, 48.1415, 100.4938



54.5158, 43.5055, 63.0407



14.7438, 14.4857, 18.1633



20.3650, 9.5644, 43.1559



1.5684, 0.7395, 3.1920

Inverse Universe

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



50.3342, 41.8328, 41.0206



59.9078, 46.9531, 44.0449



48.8441, 65.8649, 51.4140



14.4758, 14.4075, 15.4398



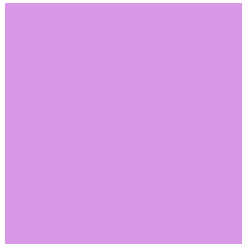
18.7111, 9.6187, 2.1078



1.4124, 0.7227, 0.3123

Previews

White Background



This preview shows how the XYZ color 53.6900, 42.7125, 79.5433 looks on a white background.

Color Contrast Check

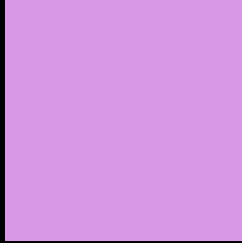
Large Text (above 18pt) WCAG AA × Fail

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 53.6900, 42.7125, 79.5433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

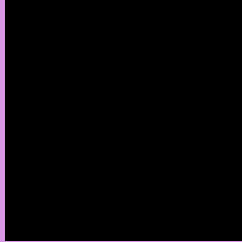
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6900, 42.7125, 79.5433

Background



This preview shows how black text looks on a background with the XYZ color 53.6900, 42.7125, 79.5433.



This preview shows how white text looks on a background with the XYZ color 53.6900, 42.7125,

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

53.6900, 42.7125, 79.5433

Protanopia

44.5619, 43.2520, 92.3860

Deuteranopia

43.8602, 42.9406, 77.2109



Tritanopia

46.8475, 42.6994, 46.3301

Trichromacy



Original Color

53.6900, 42.7125, 79.5433



Protanomaly

46.9396, 42.3724, 87.3661



Deuteranomaly

46.9498, 42.5916, 77.6980



Tritanomaly

49.1124, 42.5853, 57.2610

Monochromacy



Original Color

53.6900, 42.7125, 79.5433



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.5601, 44.1641, 59.4966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6900, 42.7125, 79.5433 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(216, 152, 229)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 229)  
}
```

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(216, 152, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 229) }
```

Border

The CSS property to change the border of an element to XYZ 53.6900, 42.7125, 79.5433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

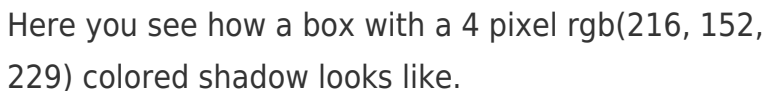
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 152, 229) }
```


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

```
.border{ border-color:rgb(216, 152, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 152, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 229);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6900, 42.7125, 79.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 229) }
```

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

```
.background{ background-color: rgb(216,  
152, 229) }
```

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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