

Converting Colors

XYZ(51.1085, 42.7508, 54.0924)

Have a look what the booklet for
XYZ(51.1085, 42.7508, 54.0924)
contains.

XYZ(51.1398, 42.6900, 54.2598) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(51.1398, 42.6900,
54.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9BBE
RGB	222, 155, 190
RGB Percent	87%, 61%, 75%
CMY	0.1294, 0.3921, 0.2549
CMYK	0.00, 0.30, 0.14, 0.13
HSL	329°, 50%, 74%
HSV	329°, 30%, 87%
XYZ	51.1398, 42.6900, 54.2598
YIQ	179.0230, 28.6970, 25.0890

Conversions

Conversions Part 2

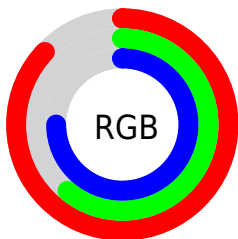
Format	Color
R _Y B	222, 155, 190
Decimal	14588862
CIE Lab	71.34, 30.19, -7.97
CIE LCh	71, 31.223, 345.211
Yxy	42.6900, 0.3453, 0.2883
Android (android.graphics.Color)	4292778942 (0xFFDE9BBE)
YUV	179.0230, 5.4117, 37.6908
Hunter-Lab	65.3376, 25.3714, -3.5013

Details

The XYZ color **51.1398, 42.6900, 54.2598** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.6103, 62.8001, 56.5762**, and the grayscale version is **42.8224, 45.0525, 49.0622**.

A 20% lighter version of the original color is **80.9211, 74.0070, 97.2086**, and **25.0915, 19.6136, 26.1303** is the 20% darker color. If you saturate the color by 10%, you get **46.6623, 35.5223, 47.2559**, and if you desaturate by 10%, it is **56.3833, 51.2537, 61.9360**.

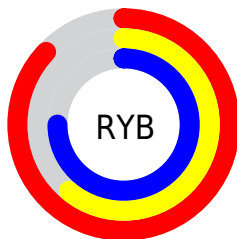
Distribution



Red (87%)

Green (61%)

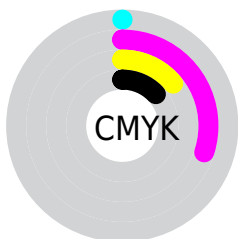
Blue (75%)



Red (87%)

Yellow (61%)

Blue (75%)

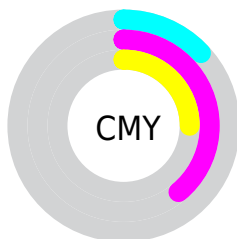


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (13%)



Cyan (13%)

Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1398, 42.6900, 54.2598 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 51.1398, 42.6900, 54.2598 by changing the saturation by 10% instead.


 51.1398, 42.6900,
54.2598

 51.1398, 42.6900,
54.2598


381.4854,
357.3353, 420.3025

 36.5414, 29.6420,
38.4148


 91.0431, 79.2428,
97.9158

 25.0246, 19.5670,
26.0005


 117.0788,
103.5164, 126.5640

 16.2242, 12.0807,
16.5982


147.6575,
132.3007, 160.3169

 9.7748, 6.7986,
9.7895

183.1447,
165.9800, 199.5932

 5.3110, 3.3365,
5.1559

223.9058,
204.9387, 244.8114

 2.4675, 1.3098,
2.2787

270.3060,

 0.8789, 0.1488,

249.5612, 296.3899

0.7192

322.7108,
300.2320, 354.7475

■ 0.0000, 0.0000,
0.0000

■ 51.1398, 42.6900,
54.2598

■ 51.1398, 42.6900,
54.2598

■ 46.6623, 35.5223,
47.2559

■ 56.3833, 51.2537,
61.9360

■ 42.9080, 29.6695,
40.8999

■ 62.4253, 61.2771,
70.3025

■ 39.8354, 25.0510,
35.1693

■ 69.3007, 72.8269,
79.3797

■ 37.3972, 21.5752,
30.0389

■ 77.0413, 85.9641,
89.1861

■ 35.5394, 19.1371,
25.4810

■ 82.0650, 93.5220,
98.5357

■ 34.1980, 17.6123,
21.4641

■ 83.7135, 94.1813,
107.2165

■ 33.2747, 16.7898,
17.9989

■ 83.9344, 94.2697,
108.3798

Harmonies

Analogous

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



48.1700, 42.6900, 69.9704



51.1398, 42.6900, 54.2598



51.1174, 42.6900, 39.3018

Triad

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



51.1398, 42.6900, 54.2598



37.9841, 42.6900, 23.7928



33.8710, 42.6900, 70.1680

Complementary

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



51.1398, 42.6900, 54.2598



48.6103, 62.8001, 56.5762

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.



31.5929, 42.6900, 54.4878



51.1398, 42.6900, 54.2598



33.8245, 42.6900, 28.9441

Square

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



51.1398, 42.6900, 54.2598



43.2074, 42.6900, 23.7576



31.5766, 42.6900, 39.4857



38.0528, 42.6900, 80.4141

Rectangle

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



51.1398, 42.6900, 54.2598



49.3951, 42.6900, 31.7256



31.5766, 42.6900, 39.4857



32.8737, 42.6900, 65.2243

Sweetspot

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



51.1410, 42.6920, 54.2607



86.4456, 85.5353, 97.5721



45.2225, 39.1914, 74.2890



18.2243, 17.8426, 20.5087



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.



51.1410, 42.6920, 54.2607



66.1497, 52.2363, 68.3244



47.9529, 41.4167, 37.4720



14.0048, 13.8195, 15.7954



19.8210, 9.9954, 10.9890



1.4191, 0.7109, 0.9997

Inverse Universe

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



51.1410, 42.6920, 54.2607



66.1497, 52.2363, 68.3244



52.5276, 64.3670, 77.2044



14.0048, 13.8195, 15.7954



19.8210, 9.9954, 10.9890



1.4191, 0.7109, 0.9997

Previews

White Background



This preview shows how the XYZ color 51.1398, 42.6900, 54.2598 looks on a white background.

Color Contrast Check

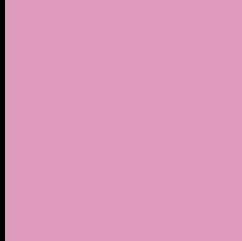
Large Text (above 18pt) WCAG AA × Fail

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 51.1398, 42.6900, 54.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

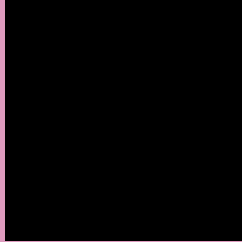
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1398, 42.6900, 54.2598

Background



This preview shows how black text looks on a background with the XYZ color 51.1398, 42.6900, 54.2598.



This preview shows how white text looks on a background with the XYZ color 51.1398, 42.6900,

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

51.1398, 42.6900, 54.2598

Protanopia

42.3743, 43.0824, 61.9595

Deuteranopia

43.5941, 42.7764, 52.9727



Tritanopia

49.0927, 42.6096, 44.1651

Trichromacy



Original Color

51.1398, 42.6900, 54.2598

Protanomaly

44.9980, 42.5335, 59.2642

Deuteranomaly

46.0854, 42.6832, 53.3867

Tritanomaly

49.9116, 42.7004, 47.7309

Monochromacy



Original Color

51.1398, 42.6900, 54.2598

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.4276, 43.7705, 50.8540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1398, 42.6900, 54.2598 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(222, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 190)  
}
```

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(222, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 190) }
```

Border

The CSS property to change the border of an element to XYZ 51.1398, 42.6900, 54.2598 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(222, 155, 190) }
```


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

```
.border{ border-color:rgb(222, 155, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 155, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1398, 42.6900, 54.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 190) }
```

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

```
.background{ background-color: rgb(222,  
155, 190) }
```

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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