

Converting Colors

XYZ(51.8542, 42.5707, 65.1585)

Have a look what the booklet for
XYZ(51.8542, 42.5707, 65.1585)
contains.

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Color

**XYZ(51.8542, 42.5707,
65.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9AD0
RGB	218, 154, 208
RGB Percent	85%, 60%, 82%
CMY	0.1451, 0.3961, 0.1843
CMYK	0.00, 0.29, 0.05, 0.15
HSL	309°, 46%, 73%
HSV	309°, 29%, 85%
XYZ	51.8542, 42.5707, 65.1585
YIQ	179.2920, 20.8100, 30.3620

Conversions

Conversions Part 2

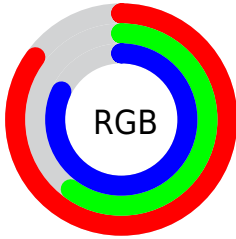
Format	Color
RYB	218, 154, 208
Decimal	14326480
CIELab	71.26, 32.42, -18.09
CIELCh	71, 37.127, 330.847
Yxy	42.5707, 0.3249, 0.2668
Android (android.graphics.Color)	4292516560 (0xFFDA9AD0)
YUV	179.2920, 14.1530, 33.9469
Hunter-Lab	65.2462, 27.6813, -13.5379

Details

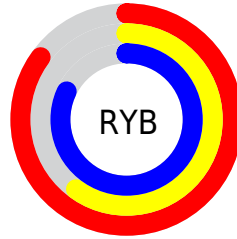
The XYZ color **51.8542, 42.5707, 65.1585** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.1004, 59.6944, 44.2696**, and the grayscale version is **42.9236, 45.1590, 49.1782**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **25.4844, 19.5172, 32.9959** is the 20% darker color. If you saturate the color by 10%, you get **48.1634, 35.8520, 61.8829**, and if you desaturate by 10%, it is **56.2100, 50.6035, 68.7011**.

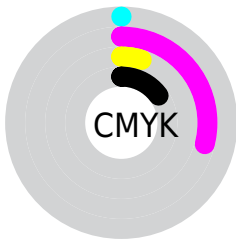
Distribution



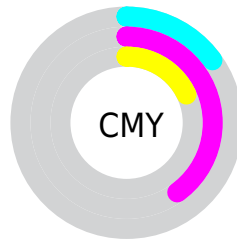
- Red (85%)
- Green (60%)
- Blue (82%)



- Red (85%)
- Yellow (60%)
- Blue (82%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8542, 42.5707, 65.1585 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 51.8542, 42.5707, 65.1585 by changing the saturation by 10% instead.

 51.8542, 42.5707,
65.1585


 51.8542, 42.5707,
65.1585


384.2067,
356.8433, 461.6831

 37.1127, 29.5484,
47.1375


 92.0917, 79.0626,
113.8932

 25.4688, 19.4961,
32.7892

 118.3183,
103.3011, 145.4439

 16.5573, 12.0293,
21.6952


149.1041,
132.0470, 182.3415

 10.0127, 6.7636,
13.4370

184.8143,
165.6849, 225.0047

 5.4697, 3.3147,
7.5959

225.8143,
204.5990, 273.8519

 2.5630, 1.2982,
3.7534

272.4695,

 0.9271, 0.1398,

249.1739, 329.3016

1.4911

325.1451,
299.7939, 391.7726

■ 0.0000, 0.0000,
0.2113

■ 0.0000, 0.0000,
0.0000

■ 51.8542, 42.5707,
65.1585

■ 51.8542, 42.5707,
65.1585

■ 48.1634, 35.8520,
61.8829

■ 56.2100, 50.6035,
68.7011

■ 45.0982, 30.3709,
58.8596

■ 61.2596, 60.0103,
72.5192

■ 42.6212, 26.0519,
56.0761

■ 67.0350, 70.8539,
76.6242

■ 40.6891, 22.8086,
53.5179

■ 73.5648, 83.1919,
81.0258

39.2528, 20.5429,
51.1683

78.2690, 91.8637,
84.8645

38.2542, 19.1385,
49.0076

78.7386, 92.0515,
87.3373

37.5970, 18.4033,
47.0034

79.2175, 92.2431,
89.8593

37.5588, 18.3636,
46.8771

79.7058, 92.4384,
92.4306

80.2035, 92.6375,
95.0517

Harmonies

Analogous

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



46.9221, 42.5707, 82.4955



51.8542, 42.5707, 65.1585



53.6641, 42.5707, 45.8467

Triad

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



51.8542, 42.5707, 65.1585



40.2852, 42.5707, 19.8107



31.0224, 42.5707, 66.2677

Complementary

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



51.8542, 42.5707, 65.1585



45.1004, 59.6944, 44.2696

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.



29.6252, 42.5707, 46.8616



51.8542, 42.5707, 65.1585



34.6242, 42.5707, 22.6923

Square

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



51.8542, 42.5707, 65.1585



46.5842, 42.5707, 22.3785



30.8742, 42.5707, 31.5650



34.9015, 42.5707, 83.2430

Rectangle

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



51.8542, 42.5707, 65.1585



52.7243, 42.5707, 35.1813



30.8742, 42.5707, 31.5650



30.2659, 42.5707, 59.6682

Sweetspot

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



51.8555, 42.5726, 65.1594



87.5886, 85.9925, 103.5910



39.4398, 36.0254, 71.2053



18.5067, 17.9556, 21.9959



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.



51.8555, 42.5726, 65.1594



70.7160, 54.7957, 90.1106



48.3467, 41.1691, 46.6823



13.5224, 13.2381, 16.0122



22.5342, 11.0147, 28.2567



1.4839, 0.7232, 1.9573

Inverse Universe

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



51.8555, 42.5726, 65.1594



70.7160, 54.7957, 90.1106



48.3177, 60.9814, 61.2116



13.5224, 13.2381, 16.0122



22.5342, 11.0147, 28.2567



1.4839, 0.7232, 1.9573

Previews

White Background



This preview shows how the XYZ color 51.8542, 42.5707, 65.1585 looks on a white background.

Color Contrast Check

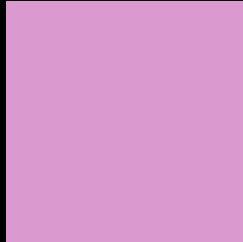
Large Text (above 18pt) WCAG AA × Fail

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 51.8542, 42.5707, 65.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

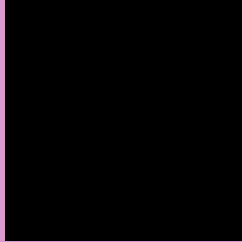
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8542, 42.5707, 65.1585

Background



This preview shows how black text looks on a background with the XYZ color 51.8542, 42.5707, 65.1585.



This preview shows how white text looks on a background with the XYZ color 51.8542, 42.5707,

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

51.8542, 42.5707, 65.1585

Protanopia

43.0990, 42.8941, 74.4144

Deuteranopia

43.7138, 42.8807, 63.7304



Tritanopia

47.7283, 42.6530, 45.2525

Trichromacy



Original Color

51.8542, 42.5707, 65.1585

Protanomaly

45.5593, 42.2976, 70.7288

Deuteranomaly

46.3339, 42.5730, 64.1679

Tritanomaly

49.1141, 42.4460, 52.0587

Monochromacy



Original Color

51.8542, 42.5707, 65.1585

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.6613, 43.8046, 54.7637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8542, 42.5707, 65.1585 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(218, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(218, 154, 208)  
}
```

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(218, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 154, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.8542, 42.5707, 65.1585 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(218, 154, 208) }
```


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

```
.border{ border-color:rgb(218, 154, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 154, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(218, 154,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8542, 42.5707, 65.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 154, 208) }
```

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

```
.background{ background-color: rgb(218,  
154, 208) }
```

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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