

Converting Colors

XYZ(50.2101, 42.5810, 54.3006)

Have a look what the booklet for
XYZ(50.2101, 42.5810, 54.3006)
contains.

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Color

**XYZ(50.0962, 42.4001,
54.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9CBE
RGB	218, 156, 190
RGB Percent	85%, 61%, 75%
CMY	0.1451, 0.3882, 0.2549
CMYK	0.00, 0.28, 0.13, 0.15
HSL	327°, 46%, 73%
HSV	327°, 28%, 85%
XYZ	50.0962, 42.4001, 54.2589
YIQ	178.4140, 26.0380, 23.7180

Conversions

Conversions Part 2

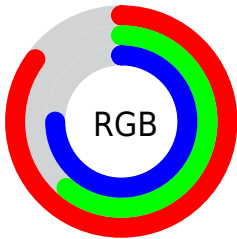
Format	Color
RYB	218, 156, 190
Decimal	14326974
CIELab	71.15, 28.26, -8.31
CIELCh	71, 29.454, 343.611
Yxy	42.4001, 0.3414, 0.2889
Android (android.graphics.Color)	4292517054 (0xFFDA9CBE)
YUV	178.4140, 5.7119, 34.7169
Hunter-Lab	65.1154, 23.3763, -3.8240

Details

The XYZ color **50.0962, 42.4001, 54.2589** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4352, 60.6726, 54.5611**, and the grayscale version is **42.4983, 44.7115, 48.6908**.

A 20% lighter version of the original color is **81.1688, 74.5024, 97.2911**, and **24.3660, 19.3882, 26.1250** is the 20% darker color. If you saturate the color by 10%, you get **45.7212, 35.3142, 47.6695**, and if you desaturate by 10%, it is **55.2028, 50.8319, 61.4518**.

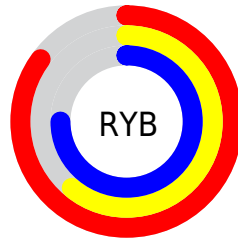
Distribution



Red (85%)

Green (61%)

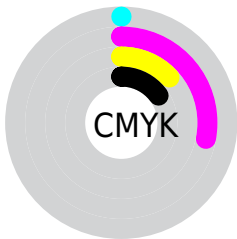
Blue (75%)



Red (85%)

Yellow (61%)

Blue (75%)

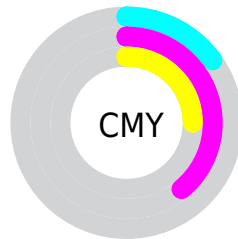


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0962, 42.4001, 54.2589 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 50.0962, 42.4001, 54.2589 by changing the saturation by 10% instead.


 50.0962, 42.4001,
54.2589


 50.0962, 42.4001,
54.2589


377.4878,
356.1388, 420.2990

 35.7080, 29.4147,
38.4141

 89.5084, 78.8048,
97.9145

 24.3778, 19.3948,
25.9999


 115.2630,
102.9929, 126.5624

 15.7404, 11.9559,
16.5978


145.5371,
131.6840, 160.3151

 9.4303, 6.7136,
9.7892

180.6961,
165.2626, 199.5911

 5.0822, 3.2837,
5.1557

221.1053,
204.1129, 244.8089

 2.3308, 1.2816,
2.2786

267.1301,

 0.8104, 0.1269,

248.6195, 296.3872

0.7192

319.1358,
299.1667, 354.7443

■ 0.0000, 0.0000,
0.0000

■ 50.0962, 42.4001,
54.2589

■ 50.0962, 42.4001,
54.2589

■ 45.7212, 35.3142,
47.6695

■ 55.2028, 50.8319,
61.4518

■ 42.0377, 29.4975,
41.6618

■ 61.0713, 60.6694,
69.2638

■ 39.0069, 24.8747,
36.2161

■ 67.7346, 71.9758,
77.7129

■ 36.5848, 21.3598,
31.3102

■ 75.2225, 84.8086,
86.8155

■ 34.7212, 18.8553,
26.9198

■ 80.2877, 92.6712,
95.4955

■ 33.3574, 17.2463,
23.0172

■ 81.7845, 93.2699,
103.3772

■ 32.4068, 16.3619,
19.5651

■ 82.7237, 93.6456,
108.3231

■ 32.2762, 16.2505,
19.0596

Harmonies

Analogous

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



47.1990, 42.4001, 68.7466



50.0962, 42.4001, 54.2589



50.2339, 42.4001, 40.0677

Triad

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



50.0962, 42.4001, 54.2589



38.1101, 42.4001, 24.4870



33.8184, 42.4001, 67.5397

Complementary

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



50.0962, 42.4001, 54.2589



47.4352, 60.6726, 54.5611

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.



31.7705, 42.4001, 52.8548



50.0962, 42.4001, 54.2589



34.1084, 42.4001, 29.1667

Square

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



50.0962, 42.4001, 54.2589



43.0346, 42.4001, 24.7110



31.8722, 42.4001, 38.9216



37.6838, 42.4001, 77.4191

Rectangle

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



50.0962, 42.4001, 54.2589



48.7220, 42.4001, 32.7095



31.8722, 42.4001, 38.9216



32.9092, 42.4001, 62.8851

Sweetspot

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



50.0974, 42.4020, 54.2598



86.5364, 85.5717, 98.0502



44.2884, 39.0191, 71.5275



18.2467, 17.8516, 20.6265



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.



50.0974, 42.4020, 54.2598



67.6724, 54.3259, 71.7783



47.0702, 41.1911, 38.3185



13.3533, 13.1704, 15.1216



19.3916, 9.7577, 11.7082



1.2995, 0.6494, 0.9862

Inverse Universe

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



50.0974, 42.4020, 54.2598



67.6724, 54.3259, 71.7783



51.0360, 62.1129, 73.5225



13.3533, 13.1704, 15.1216



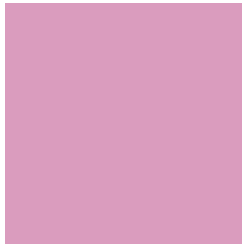
19.3916, 9.7577, 11.7082



1.2995, 0.6494, 0.9862

Previews

White Background



This preview shows how the XYZ color 50.0962, 42.4001, 54.2589 looks on a white background.

Color Contrast Check

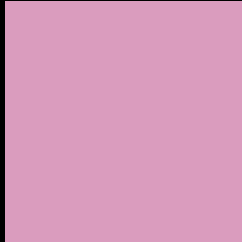
Large Text (above 18pt) WCAG AA × Fail

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 50.0962, 42.4001, 54.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

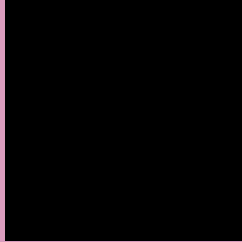
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0962, 42.4001, 54.2589

Background



This preview shows how black text looks on a background with the XYZ color 50.0962, 42.4001, 54.2589.



This preview shows how white text looks on a background with the XYZ color 50.0962, 42.4001,

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

50.0962, 42.4001, 54.2589

Protanopia

42.0637, 42.6502, 61.2737

Deuteranopia

43.7015, 42.8194, 53.5386



Tritanopia

48.0677, 42.3355, 44.1662

Trichromacy



Original Color

50.0962, 42.4001, 54.2589

Protanomaly

44.3903, 42.2334, 58.6356

Deuteranomaly

45.9291, 42.5902, 53.9441

Tritanomaly

48.8780, 42.4198, 47.7312

Monochromacy



Original Color

50.0962, 42.4001, 54.2589

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.8105, 43.4643, 50.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0962, 42.4001, 54.2589 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, 156, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 156, 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(218, 156, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 156, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.0962, 42.4001, 54.2589 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, 156, 190) }
```


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

```
.border{ border-color:rgb(218, 156, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 156, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 156, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 156, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 156,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0962, 42.4001, 54.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 156, 190) }
```

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

```
.background{ background-color: rgb(218,  
156, 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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