

Converting Colors

XYZ(50.4423, 42.1302, 53.7995)

Have a look what the booklet for
XYZ(50.4423, 42.1302, 53.7995)
contains.

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Color

**XYZ(50.2561, 42.0010,
53.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9ABD
RGB	220, 154, 189
RGB Percent	86%, 60%, 74%
CMY	0.1373, 0.3961, 0.2588
CMYK	0.00, 0.30, 0.14, 0.14
HSL	328°, 49%, 73%
HSV	328°, 30%, 86%
XYZ	50.2561, 42.0010, 53.6023
YIQ	177.7240, 28.1010, 24.8770

Conversions

Conversions Part 2

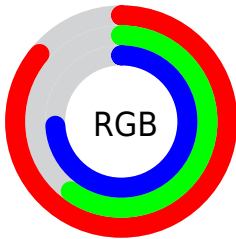
Format	Color
R _Y B	220, 154, 189
Decimal	14457533
CIE Lab	70.87, 29.87, -8.14
CIE LCh	71, 30.958, 344.753
Yxy	42.0010, 0.3446, 0.2880
Android (android.graphics.Color)	4292647613 (0xFFDC9ABD)
YUV	177.7240, 5.5591, 37.0761
Hunter-Lab	64.8082, 25.0052, -3.6725

Details

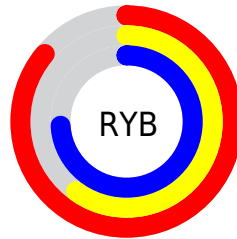
The XYZ color **50.2561, 42.0010, 53.6023** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6784, 61.5603, 55.2713**, and the grayscale version is **42.1334, 44.3276, 48.2727**.

A 20% lighter version of the original color is **80.5219, 73.4535, 96.3202**, and **24.5051, 19.1728, 25.7017** is the 20% darker color. If you saturate the color by 10%, you get **45.8704, 34.9610, 46.8019**, and if you desaturate by 10%, it is **55.3896, 50.4077, 61.0473**.

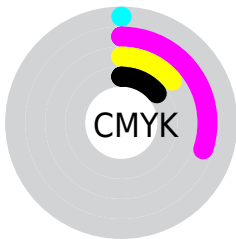
Distribution



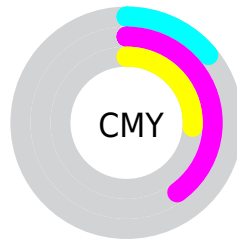
- Red (86%)
- Green (60%)
- Blue (74%)



- Red (86%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (14%)




- Cyan (14%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2561, 42.0010, 53.6023 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 50.2561, 42.0010, 53.6023 by changing the saturation by 10% instead.


 50.2561, 42.0010,
53.6023


 50.2561, 42.0010,
53.6023


378.1021,
354.4871, 417.7233

 35.8356, 29.1021,
37.8928


 89.7438, 78.2011,
96.9406

 24.4767, 19.1581,
25.5983


 115.5416,
102.2711, 125.4064

 15.8143, 11.7845,
16.3003


145.8626,
130.8336, 158.9614

 9.4828, 6.5971,
9.5803

181.0721,
164.2730, 198.0242

 5.1171, 3.2115,
5.0196

221.5354,
202.9736, 243.0132

 2.3516, 1.2431,
2.1998

267.6179,

 0.8209, 0.0965,

247.3199, 294.3470

0.6743

319.6850,
297.6963, 352.4442

■ 0.0000, 0.0000,
0.0000

■ 50.2561, 42.0010,
53.6023

■ 50.2561, 42.0010,
53.6023

■ 45.8704, 34.9610,
46.8019

■ 55.3896, 50.4077,
61.0473

■ 42.1909, 29.2083,
40.6227

■ 61.3024, 60.2431,
69.1539

■ 39.1770, 24.6646,
35.0431

■ 68.0288, 71.5726,
77.9416

■ 36.7827, 21.2403,
30.0392

■ 75.5996, 84.4556,
87.4284

■ 34.9554, 18.8331,
25.5843

■ 81.1035, 93.0670,
96.6509

■ 33.6330, 17.3220,
21.6484

■ 82.6888, 93.7011,
104.9990

■ 32.7066, 16.4923,
18.1853

■ 83.3254, 93.9558,
108.3513

■ 32.7064, 16.4921,
18.1846

Harmonies

Analogous

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



47.3056, 42.0010, 68.9708



50.2561, 42.0010, 53.6023



50.2819, 42.0010, 38.8841

Triad

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



50.2561, 42.0010, 53.6023



37.4520, 42.0010, 23.4253



33.2938, 42.0010, 68.7434

Complementary

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



50.2561, 42.0010, 53.6023



47.6784, 61.5603, 55.2713

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.



31.0906, 42.0010, 53.3399



50.2561, 42.0010, 53.6023



33.3474, 42.0010, 28.4051

Square

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



50.2561, 42.0010, 53.6023



42.5817, 42.0010, 23.4658



31.1093, 42.0010, 38.6724



37.3729, 42.0010, 78.9100

Rectangle

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



50.2561, 42.0010, 53.6023



48.6212, 42.0010, 31.3969



31.1093, 42.0010, 38.6724



32.3254, 42.0010, 63.8762

Sweetspot

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



50.2573, 42.0029, 53.6032



86.4732, 85.5464, 97.7175



44.4350, 38.5702, 72.8135



18.2311, 17.8454, 20.5445



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.



50.2573, 42.0029, 53.6032



66.2411, 52.2728, 68.8058



47.0901, 40.7360, 36.9246



13.3431, 13.1664, 15.0682



19.2517, 9.7017, 10.9715



1.2906, 0.6459, 0.9394

Inverse Universe

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



50.2573, 42.0029, 53.6032



66.2411, 52.2728, 68.8058



51.5497, 63.1089, 75.6574



13.3431, 13.1664, 15.0682



19.2517, 9.7017, 10.9715



1.2906, 0.6459, 0.9394

Previews

White Background



This preview shows how the XYZ color 50.2561, 42.0010, 53.6023 looks on a white background.

Color Contrast Check

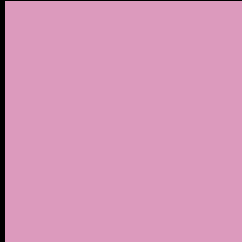
Large Text (above 18pt) WCAG AA × Fail

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 50.2561, 42.0010, 53.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

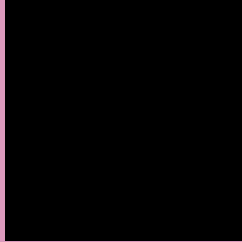
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2561, 42.0010, 53.6023

Background



This preview shows how black text looks on a background with the XYZ color 50.2561, 42.0010, 53.6023.



This preview shows how white text looks on a background with the XYZ color 50.2561, 42.0010,

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

50.2561, 42.0010, 53.6023

Protanopia

41.6573, 42.1571, 61.1999

Deuteranopia

43.0585, 42.2354, 52.3372



Tritanopia

48.2261, 41.9216, 43.5801

Trichromacy



Original Color

50.2561, 42.0010, 53.6023

Protanomaly

44.2722, 41.6329, 58.5259

Deuteranomaly

45.5338, 42.1445, 52.7485

Tritanomaly

49.0377, 42.0113, 47.1194

Monochromacy



Original Color

50.2561, 42.0010, 53.6023

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.6238, 43.0908, 50.2214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2561, 42.0010, 53.6023 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(220, 154, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 154, 189)  
}
```

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(220, 154, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 154, 189) }
```

Border

The CSS property to change the border of an element to XYZ 50.2561, 42.0010, 53.6023 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(220, 154, 189) }
```


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

```
.border{ border-color:rgb(220, 154, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 154, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(220, 154,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2561, 42.0010, 53.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 154, 189) }
```

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

```
.background{ background-color: rgb(220,  
154, 189) }
```

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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