

Converting Colors

XYZ(43.2523, 42.0440, 65.5102)

Have a look what the booklet for
XYZ(43.2523, 42.0440, 65.5102)
contains.

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Color

**XYZ(43.2523, 42.0440,
65.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA9D0
RGB	175, 169, 208
RGB Percent	69%, 66%, 82%
CMY	0.3137, 0.3372, 0.1843
CMYK	0.16, 0.19, 0.00, 0.18
HSL	249°, 29%, 74%
HSV	249°, 19%, 82%
XYZ	43.2523, 42.0440, 65.5102
YIQ	175.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

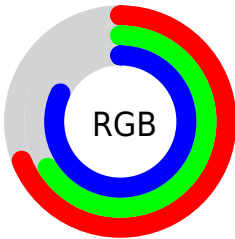
Format	Color
RYB	175, 169, 208
Decimal	11512272
CIELab	70.90, 10.01, -19.01
CIELCh	71, 21.487, 297.772
Yxy	42.0440, 0.2868, 0.2788
Android (android.graphics.Color)	4289702352 (0xFFAFA9D0)
YUV	175.2400, 16.1507, -0.2105
Hunter-Lab	64.8413, 5.5957, -14.5127

Details

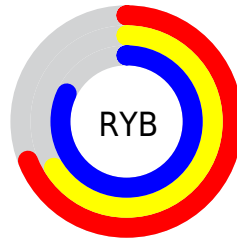
The XYZ color **43.2523, 42.0440, 65.5102** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.0760, 60.5341, 46.3723**, and the grayscale version is **40.7952, 42.9197, 46.7396**.

A 20% lighter version of the original color is **77.6607, 77.5202, 105.4775**, and **20.2201, 19.1932, 33.2108** is the 20% darker color. If you saturate the color by 10%, you get **35.9902, 33.0064, 64.1492**, and if you desaturate by 10%, it is **51.6476, 52.5816, 67.1024**.

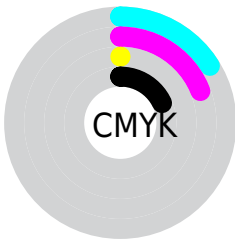
Distribution



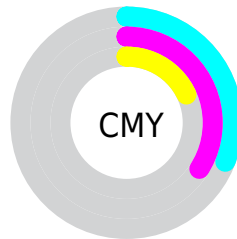
- Red (69%)
- Green (66%)
- Blue (82%)



- Red (69%)
- Yellow (66%)
- Blue (82%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2523, 42.0440, 65.5102 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 43.2523, 42.0440, 65.5102 by changing the saturation by 10% instead.

■ 43.2523, 42.0440,
65.5102

■ 43.2523, 42.0440,
65.5102

350.5523,
354.6653, 462.9794

■ 30.2785, 29.1357,
47.4209

■ 79.3448, 78.2662,
114.4033

■ 20.1992, 19.1835,
33.0118

103.1942,
102.3490, 146.0443

■ 12.6490, 11.8030,
21.8643

131.3995,
130.9253, 183.0396

■ 7.2626, 6.6097,
13.5599

164.3261,
164.3797, 225.8077

■ 3.6747, 3.2192,
7.6800

202.3393,
203.0965, 274.7672

■ 1.5198, 1.2472,
3.8060

245.8045,

■ 0.3392, 0.0998,

247.4601, 330.3366

1.5195

295.0871,
297.8549, 392.9345

■ 0.0000, 0.0000,
0.2324

■ 0.0000, 0.0000,
0.0000

■ 43.2523, 42.0440,
65.5102

■ 43.2523, 42.0440,
65.5102

■ 35.9902, 33.0064,
64.1492

■ 51.6476, 52.5816,
67.1024

■ 29.8084, 25.3954,
63.0060

■ 61.2178, 64.6779,
68.9328

■ 24.6559, 19.1391,
62.0699

■ 72.0076, 78.3947,
71.0117

■ 20.4759, 14.1573,
61.3286

■ 84.0580, 93.7891,
73.3480

■ 17.2059, 10.3612,
60.7683

■ 88.3853, 97.3341,
73.8042

■ 14.7759, 7.6504,
60.3731

■ 13.1054, 5.9077,
60.1248

■ 12.0796, 4.9540,
59.9948

■ 11.9807, 4.8610,
59.9820

Harmonies

Analogous

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



39.6947, 42.0440, 68.4141



43.2523, 42.0440, 65.5102



46.0659, 42.0440, 57.1060

Triad

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



43.2523, 42.0440, 65.5102



43.7424, 42.0440, 31.0574



33.4761, 42.0440, 45.0172

Complementary

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



43.2523, 42.0440, 65.5102



54.0760, 60.5341, 46.3723

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.



34.4218, 42.0440, 36.0582



43.2523, 42.0440, 65.5102



40.2296, 42.0440, 28.7839

Square

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



43.2523, 42.0440, 65.5102



46.3605, 42.0440, 37.2014



36.8421, 42.0440, 30.4699



34.1803, 42.0440, 55.5826

Rectangle

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



43.2523, 42.0440, 65.5102



47.0664, 42.0440, 50.0784



36.8421, 42.0440, 30.4699



33.6103, 42.0440, 41.7325

Sweetspot

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



43.2536, 42.0457, 65.5111



85.7580, 88.2503, 107.1218



48.9045, 55.3018, 67.7720



18.1483, 18.6274, 22.8889



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.



43.2536, 42.0457, 65.5111



64.3303, 61.3624, 103.0613



47.9127, 44.4476, 65.7292



11.3306, 11.5037, 14.8669



7.5189, 3.0564, 37.3862



0.4753, 0.1992, 2.0930

Inverse Universe

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



50.8625, 46.0519, 62.0874



78.3321, 68.7375, 96.6276



49.1640, 58.0018, 46.1424



12.2294, 11.9765, 14.4839



21.1262, 10.3233, 26.6344



1.2029, 0.5859, 1.6031

Previews

White Background



This preview shows how the XYZ color 43.2523, 42.0440, 65.5102 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 43.2523, 42.0440, 65.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

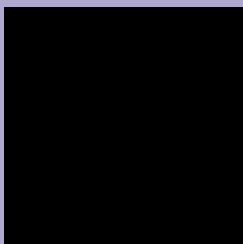
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2523, 42.0440, 65.5102

Background



This preview shows how black text looks on a background with the XYZ color 43.2523, 42.0440, 65.5102.



This preview shows how white text looks on a background with the XYZ color 43.2523, 42.0440,

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

43.2523, 42.0440, 65.5102

Protanopia

41.9024, 42.1575, 66.9015

Deuteranopia

42.9935, 42.1878, 65.5516



Tritanopia

40.6011, 42.0902, 52.4387

Trichromacy



Original Color

43.2523, 42.0440, 65.5102

Protanomaly

42.4337, 42.1643, 66.2236

Deuteranomaly

43.2155, 42.3022, 65.5619

Tritanomaly

41.5034, 42.1707, 56.9912

Monochromacy



Original Color

43.2523, 42.0440, 65.5102

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5924, 42.5890, 53.0420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2523, 42.0440, 65.5102 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(175, 169, 208)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 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(175, 169, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.2523, 42.0440, 65.5102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

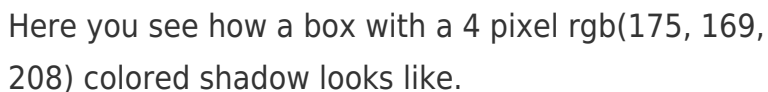
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 169, 208) }
```


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

```
.border{ border-color:rgb(175, 169, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 169, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 169, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 169, 208); box-shadow:4px 4px 4px 4px rgb(175, 169, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2523, 42.0440, 65.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 208) }
```

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

```
.background{ background-color: rgb(175,  
169, 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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