

Converting Colors

XYZ(43.0866, 41.5318, 63.4554)

Have a look what the booklet for
XYZ(43.0866, 41.5318, 63.4554)
contains.

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Color

**XYZ(42.9696, 41.3923,
63.4824)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A7CD
RGB	177, 167, 205
RGB Percent	69%, 65%, 80%
CMY	0.3059, 0.3451, 0.1961
CMYK	0.14, 0.19, 0.00, 0.20
HSL	256°, 28%, 73%
HSV	256°, 19%, 80%
XYZ	42.9696, 41.3923, 63.4824
YIQ	174.3220, -6.2380, 13.9380

Conversions

Conversions Part 2

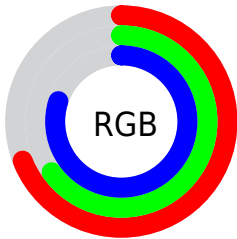
Format	Color
RYB	177, 167, 205
Decimal	11642829
CIELab	70.45, 11.12, -18.03
CIELCh	70, 21.182, 301.659
Yxy	41.3923, 0.2906, 0.2800
Android (android.graphics.Color)	4289832909 (0xFFB1A7CD)
YUV	174.3220, 15.1243, 2.3486
Hunter-Lab	64.3368, 6.6279, -13.4668

Details

The XYZ color **42.9696, 41.3923, 63.4824** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.3135, 58.0558, 45.0625**, and the grayscale version is **40.3256, 42.4257, 46.2016**.

A 20% lighter version of the original color is **77.7755, 76.7862, 105.3297**, and **20.0288, 18.7809, 31.8476** is the 20% darker color. If you saturate the color by 10%, you get **36.2554, 32.7917, 62.1769**, and if you desaturate by 10%, it is **50.6626, 51.3833, 65.0060**.

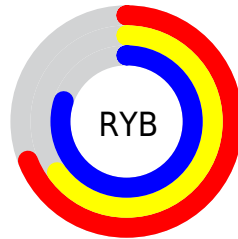
Distribution



Red (69%)

Green (65%)

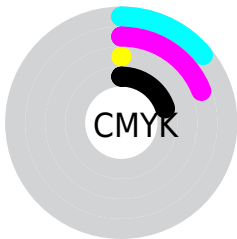
Blue (80%)



Red (69%)

Yellow (65%)

Blue (80%)

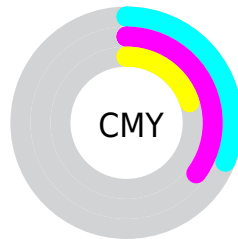


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9696, 41.3923, 63.4824 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 42.9696, 41.3923, 63.4824 by changing the saturation by 10% instead.

■ 42.9696, 41.3923,
63.4824

■ 42.9696, 41.3923,
63.4824

349.4104,
351.9576, 455.4741

■ 30.0557, 28.6257,
45.7881

■ 78.9210, 77.2791,
111.4575

■ 20.0291, 18.7979,
31.7312

■ 102.6892,
101.1681, 142.5753

■ 12.5246, 11.5243,
20.8931

130.8061,
129.5333, 179.0047

■ 7.1768, 6.4207,
12.8554

163.6372,
162.7593, 221.1642

■ 3.6202, 3.1025,
7.1995

201.5479,
201.2303, 269.4723

■ 1.4896, 1.1855,
3.5068

244.9034,

■ 0.3187, 0.0498,

245.3307, 324.3477

1.3589

294.0691,
295.4450, 386.2088

■ 0.0000, 0.0000,
0.1093

■ 0.0000, 0.0000,
0.0000

■ 42.9696, 41.3923,
63.4824

■ 42.9696, 41.3923,
63.4824

■ 36.2554, 32.7917,
62.1769

■ 50.6626, 51.3833,
65.0060

■ 30.4758, 25.5141,
61.0767

■ 59.3684, 62.8178,
66.7543

■ 25.5889, 19.4939,
60.1723

■ 69.1242, 75.7527,
68.7368

■ 21.5478, 14.6581,
59.4519

■ 79.9641, 90.2398,
70.9618

■ 18.3013, 10.9256,
58.9026

■ 87.1175, 96.7228,
71.8361

■ 15.7919, 8.2053,
58.5097

■ 88.0196, 97.1878,
71.8783

■ 13.9537, 6.3902,
58.2563

■ 12.6916, 5.3182,
58.1159

■ 12.5377, 5.1904,
58.0993

Harmonies

Analogous

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



39.5367, 41.3923, 67.1330



42.9696, 41.3923, 63.4824



45.5474, 41.3923, 54.8199

Triad

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



42.9696, 41.3923, 63.4824



42.6138, 41.3923, 30.1849



33.0097, 41.3923, 45.6277

Complementary

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



42.9696, 41.3923, 63.4824



51.3135, 58.0558, 45.0625

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.



33.7277, 41.3923, 36.5492



42.9696, 41.3923, 63.4824



39.1482, 41.3923, 28.4619

Square

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



42.9696, 41.3923, 63.4824



45.3336, 41.3923, 35.7178



35.9248, 41.3923, 30.6127



33.9033, 41.3923, 55.9250

Rectangle

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



42.9696, 41.3923, 63.4824



46.3606, 41.3923, 47.9144



35.9248, 41.3923, 30.6127



33.0703, 41.3923, 42.3389

Sweetspot

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



42.9709, 41.3940, 63.4833



86.3350, 88.5478, 107.1488



46.5845, 51.8792, 65.3167



18.2842, 18.6975, 22.8952



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.



42.9709, 41.3940, 63.4833



66.0832, 62.2661, 103.1433



47.4746, 43.7158, 63.6941



10.8740, 10.9843, 14.1174



7.8822, 3.2709, 36.1722



0.4799, 0.2065, 1.8695

Inverse Universe

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



48.8473, 44.5584, 57.6578



77.4041, 68.3663, 91.7406



46.8255, 55.7422, 44.8525



11.5566, 11.3514, 13.4657



19.1949, 9.4885, 19.2768



1.0204, 0.5016, 1.1533

Previews

White Background



This preview shows how the XYZ color 42.9696, 41.3923, 63.4824 looks on a white background.

Color Contrast Check

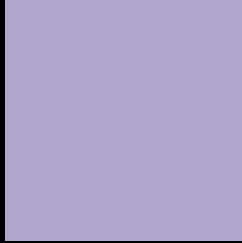
Large Text (above 18pt) WCAG AA × Fail

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 42.9696, 41.3923, 63.4824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

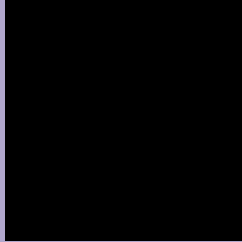
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9696, 41.3923, 63.4824

Background



This preview shows how black text looks on a background with the XYZ color 42.9696, 41.3923, 63.4824.



This preview shows how white text looks on a background with the XYZ color 42.9696, 41.3923,

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

42.9696, 41.3923, 63.4824

Protanopia

41.2579, 41.5724, 65.5243

Deuteranopia

42.2557, 41.2973, 63.5017



Tritanopia

40.4482, 41.4707, 51.2202

Trichromacy



Original Color

42.9696, 41.3923, 63.4824

Protanomaly

41.9994, 41.6895, 64.8647

Deuteranomaly

42.4776, 41.4117, 63.5121

Tritanomaly

41.3447, 41.5539, 55.7108

Monochromacy



Original Color

42.9696, 41.3923, 63.4824

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9991, 41.7426, 51.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9696, 41.3923, 63.4824 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(177, 167, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 205)  
}
```

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(177, 167, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 205) }
```

Border

The CSS property to change the border of an element to XYZ 42.9696, 41.3923, 63.4824 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(177, 167, 205) }
```


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

```
.border{ border-color:rgb(177, 167, 205) }
```

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

Here you see how a box with a 4 pixel rgb(177, 167, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9696, 41.3923, 63.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 205) }
```

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

```
.background{ background-color: rgb(177,  
167, 205) }
```

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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