

Converting Colors

XYZ(43.1776, 41.2324, 63.3179)

Have a look what the booklet for
XYZ(43.1776, 41.2324, 63.3179)
contains.

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Color

**XYZ(43.2461, 41.2639,
63.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A6CD
RGB	179, 166, 205
RGB Percent	70%, 65%, 80%
CMY	0.2980, 0.3490, 0.1961
CMYK	0.13, 0.19, 0.00, 0.20
HSL	260°, 28%, 73%
HSV	260°, 19%, 80%
XYZ	43.2461, 41.2639, 63.4430
YIQ	174.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

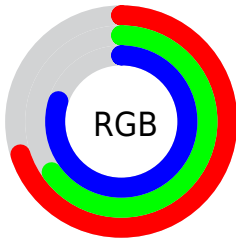
Format	Color
RYB	179, 166, 205
Decimal	11773645
CIELab	70.36, 12.32, -18.15
CIELCh	70, 21.938, 304.179
Yxy	41.2639, 0.2923, 0.2789
Android (android.graphics.Color)	4289963725 (0xFFB3A6CD)
YUV	174.3330, 15.1188, 4.0930
Hunter-Lab	64.2370, 7.7564, -13.5913

Details

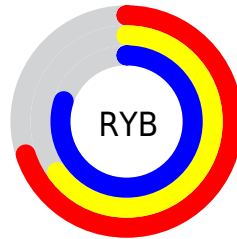
The XYZ color **43.2461, 41.2639, 63.4430** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.4538, 57.6233, 44.5415**, and the grayscale version is **40.3308, 42.4311, 46.2075**.

A 20% lighter version of the original color is **78.1674, 76.5951, 105.2722**, and **20.2074, 18.7046, 31.8235** is the 20% darker color. If you saturate the color by 10%, you get **36.8089, 32.8482, 62.1585**, and if you desaturate by 10%, it is **50.5929, 51.0324, 64.9419**.

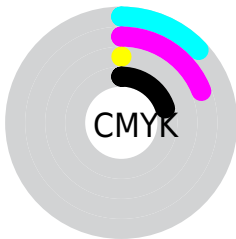
Distribution



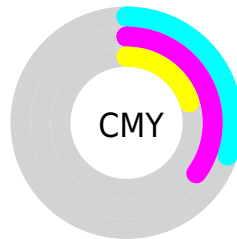
- Red (70%)
- Green (65%)
- Blue (80%)



- Red (70%)
- Yellow (65%)
- Blue (80%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2461, 41.2639, 63.4430 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 43.2461, 41.2639, 63.4430 by changing the saturation by 10% instead.

■ 43.2461, 41.2639,
63.4430

■ 43.2461, 41.2639,
63.4430

350.5273,
351.4224, 455.3276

■ 30.2736, 28.5253,
45.7564

■ 79.3355, 77.0843,
111.4001

■ 20.1955, 18.7221,
31.7063

■ 103.1831,
100.9350, 142.5077

■ 12.6463, 11.4696,
20.8743

131.3865,
129.2585, 178.9260

■ 7.2608, 6.3836,
12.8418

164.3110,
162.4393, 221.0736

■ 3.6735, 3.0797,
7.1903

202.3220,
200.8616, 269.3690

■ 1.5191, 1.1735,
3.5011

245.7848,

■ 0.3388, 0.0399,

244.9100, 324.2308

1.3559

295.0647,
294.9688, 386.0775

■ 0.0000, 0.0000,
0.1069

■ 0.0000, 0.0000,
0.0000

■ 43.2461, 41.2639,
63.4430

■ 43.2461, 41.2639,
63.4430

■ 36.8089, 32.8482,
62.1585

■ 50.5929, 51.0324,
64.9419

■ 31.2404, 25.7194,
61.0760

■ 58.8805, 62.2055,
66.6618

■ 26.5021, 19.8135,
60.1858

■ 68.1430, 74.8384,
68.6120

■ 22.5506, 15.0590,
59.4764

■ 78.4119, 88.9820,
70.8007

■ 19.3387, 11.3768,
58.9349

■ 85.2566, 95.7635,
71.7489

■ 16.8132, 8.6772,
58.5469

■ 88.0196, 97.1878,
71.8782

■ 14.9128, 6.8552,
58.2954

■ 13.5430, 5.7410,
58.1526

■ 13.4265, 5.6487,
58.1409

Harmonies

Analogous

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



39.7276, 41.2639, 67.7893



43.2461, 41.2639, 63.4430



45.7992, 41.2639, 54.1465

Triad

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



43.2461, 41.2639, 63.4430



42.3187, 41.2639, 29.3187



32.7027, 41.2639, 46.3921

Complementary

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



43.2461, 41.2639, 63.4430



50.4538, 57.6233, 44.5415

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.



33.3033, 41.2639, 36.8225



43.2461, 41.2639, 63.4430



38.7170, 41.2639, 27.8906

Square

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



43.2461, 41.2639, 63.4430



45.2411, 41.2639, 34.6707



35.4521, 41.2639, 30.4210



33.7585, 41.2639, 57.0350

Rectangle

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



43.2461, 41.2639, 63.4430



46.5311, 41.2639, 46.9738



35.4521, 41.2639, 30.4210



32.7180, 41.2639, 42.9451

Sweetspot

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



43.2474, 41.2656, 63.4439



86.7082, 88.7402, 107.1663



45.7394, 50.5014, 65.0953



18.3722, 18.7429, 22.8994



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.



43.2474, 41.2656, 63.4439



66.1580, 61.4415, 102.9802



47.9061, 43.6673, 63.6619



10.9482, 11.0226, 14.1209



8.4491, 3.5632, 36.1987



0.5162, 0.2252, 1.8712

Inverse Universe

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



48.3288, 44.0590, 55.8278



76.1197, 66.9222, 87.8448



45.9824, 55.3182, 44.3322



11.5224, 11.3377, 13.2855



18.5155, 9.2168, 15.6991



0.9895, 0.4892, 0.9906

Previews

White Background



This preview shows how the XYZ color 43.2461, 41.2639, 63.4430 looks on a white background.

Color Contrast Check

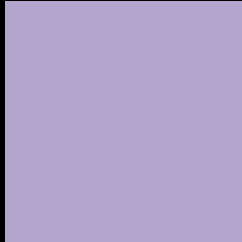
Large Text (above 18pt) WCAG AA × Fail

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 43.2461, 41.2639, 63.4430 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 43.2461, 41.2639, 63.4430

Background



This preview shows how black text looks on a background with the XYZ color 43.2461, 41.2639, 63.4430.



This preview shows how white text looks on a background with the XYZ color 43.2461, 41.2639,

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

43.2461, 41.2639, 63.4430

Protanopia

41.0697, 41.1960, 65.4615

Deuteranopia

42.2557, 41.2973, 63.5017



Tritanopia

40.6012, 41.2823, 50.6281

Trichromacy



Original Color

43.2461, 41.2639, 63.4430

Protanomaly

41.8126, 41.3159, 64.8025

Deuteranomaly

42.5174, 41.1592, 63.4612

Tritanomaly

41.4964, 41.3676, 55.0879

Monochromacy



Original Color

43.2461, 41.2639, 63.4430

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.2244, 41.8587, 51.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2461, 41.2639, 63.4430 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(179, 166, 205)` looks like.

```
.text, #text, p{  
    color:rgb(179, 166, 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(179, 166, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 166, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.2461, 41.2639, 63.4430 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(179, 166, 205) }
```


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

```
.border{ border-color:rgb(179, 166, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 166, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 166, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 166, 205);  
box-shadow:4px 4px 4px 4px rgb(179, 166,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2461, 41.2639, 63.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 166, 205) }
```

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

```
.background{ background-color: rgb(179,  
166, 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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