

Converting Colors

XYZ(43.7978, 42.3674, 63.6269)

Have a look what the booklet for
XYZ(43.7978, 42.3674, 63.6269)
contains.

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Color

**XYZ(43.7978, 42.3674,
63.6269)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A9CD
RGB	179, 169, 205
RGB Percent	70%, 66%, 80%
CMY	0.2980, 0.3372, 0.1961
CMYK	0.13, 0.18, 0.00, 0.20
HSL	257°, 26%, 73%
HSV	257°, 18%, 80%
XYZ	43.7978, 42.3674, 63.6269
YIQ	176.0940, -5.5960, 13.3160

Conversions

Conversions Part 2

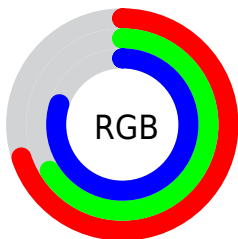
Format	Color
RYB	179, 169, 205
Decimal	11774413
CIELab	71.12, 10.66, -17.00
CIELCh	71, 20.064, 302.107
Yxy	42.3674, 0.2924, 0.2828
Android (android.graphics.Color)	4289964493 (0xFFB3A9CD)
YUV	176.0940, 14.2507, 2.5486
Hunter-Lab	65.0902, 6.2008, -12.3939

Details

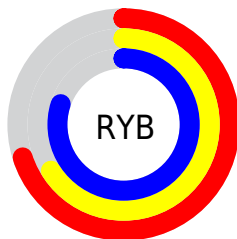
The XYZ color **43.7978, 42.3674, 63.6269** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.4999, 58.1304, 46.0440**, and the grayscale version is **41.2470, 43.3951, 47.2572**.

A 20% lighter version of the original color is **78.9666, 78.1935, 105.5386**, and **20.5514, 19.3926, 31.9381** is the 20% darker color. If you saturate the color by 10%, you get **37.0389, 33.6594, 62.3030**, and if you desaturate by 10%, it is **51.5247, 52.4642, 65.1692**.

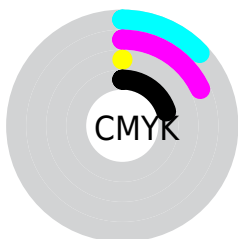
Distribution



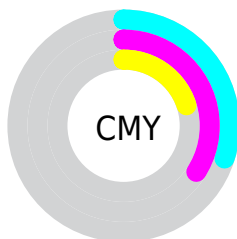
- Red (70%)
- Green (66%)
- Blue (80%)



- Red (70%)
- Yellow (66%)
- Blue (80%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7978, 42.3674, 63.6269 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 43.7978, 42.3674, 63.6269 by changing the saturation by 10% instead.

■ 43.7978, 42.3674,
63.6269

■ 43.7978, 42.3674,
63.6269

352.7487,
356.0037, 456.0115

■ 30.7088, 29.3891,
45.9043

■ 80.1616, 78.7554,
111.6677

■ 20.5280, 19.3754,
31.8222

■ 104.1672,
102.9338, 142.8230

■ 12.8899, 11.9418,
20.9620

132.5423,
131.6144, 179.2930

■ 7.4292, 6.7041,
12.9053

165.6523,
165.1816, 221.4962

■ 3.7807, 3.2777,
7.2334

203.8626,
204.0197, 269.8510

■ 1.5788, 1.2784,
3.5278

247.5385,

■ 0.3785, 0.1244,

248.5132, 324.7762

1.3701

297.0454,
299.0464, 386.6902

■ 0.0000, 0.0000,
0.1182

■ 0.0000, 0.0000,
0.0000

■ 43.7978, 42.3674,
63.6269

■ 43.7978, 42.3674,
63.6269

■ 37.0389, 33.6594,
62.3030

■ 51.5247, 52.4642,
65.1692

■ 31.2048, 26.2734,
61.1848

■ 60.2528, 64.0022,
66.9362

■ 26.2546, 20.1449,
60.2628

■ 70.0182, 77.0375,
68.9376

■ 22.1428, 15.2019,
59.5254

■ 80.8544, 91.6214,
71.1815

■ 18.8195, 11.3648,
58.9600

■ 87.2999, 96.8168,
71.8446

■ 16.2291, 8.5440,
58.5520

■ 88.0196, 97.1878,
71.8782

■ 14.3077, 6.6351,
58.2848

■ 12.9708, 5.4943,
58.1351

■ 12.7033, 5.2758,
58.1070

Harmonies

Analogous

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



40.5067, 42.3674, 67.1786



43.7978, 42.3674, 63.6269



46.2471, 42.3674, 55.3301

Triad

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



43.7978, 42.3674, 63.6269



43.3645, 42.3674, 31.6463



34.1572, 42.3674, 46.8139

Complementary

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



43.7978, 42.3674, 63.6269



51.4999, 58.1304, 46.0440

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.



34.8295, 42.3674, 38.0124



43.7978, 42.3674, 63.6269



40.0321, 42.3674, 30.0145

Square

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



43.7978, 42.3674, 63.6269



45.9873, 42.3674, 36.9871



36.9349, 42.3674, 32.1779



35.0454, 42.3674, 56.6696

Rectangle

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



43.7978, 42.3674, 63.6269



47.0065, 42.3674, 48.7161



36.9349, 42.3674, 32.1779



34.2081, 42.3674, 43.6388

Sweetspot

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



43.7991, 42.3692, 63.6278



87.8094, 90.4283, 107.4341



46.9879, 52.0538, 65.3291



18.5843, 19.0780, 22.9529



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.



43.7991, 42.3692, 63.6278



67.4562, 63.8516, 103.3770



48.1301, 44.6019, 63.8305



10.8894, 10.9923, 14.1182



7.9883, 3.3257, 36.1772



0.4870, 0.2102, 1.8698

Inverse Universe

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



49.2165, 45.2970, 57.7808



77.9788, 69.5422, 91.8501



47.2168, 55.9224, 45.8436



11.5495, 11.3485, 13.4281



19.0464, 9.4291, 18.4947



1.0137, 0.4989, 1.1182

Previews

White Background



This preview shows how the XYZ color 43.7978, 42.3674, 63.6269 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 43.7978, 42.3674, 63.6269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

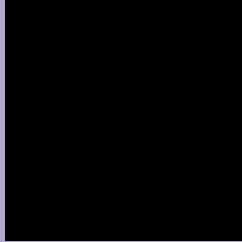
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7978, 42.3674, 63.6269

Background



This preview shows how black text looks on a background with the XYZ color 43.7978, 42.3674, 63.6269.



This preview shows how white text looks on a background with the XYZ color 43.7978, 42.3674,

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

43.7978, 42.3674, 63.6269

Protanopia

42.1424, 42.6076, 65.0344

Deuteranopia

43.2987, 42.3873, 63.6571



Tritanopia

41.5199, 42.2803, 52.4270

Trichromacy



Original Color

43.7978, 42.3674, 63.6269

Protanomaly

42.6877, 42.6192, 64.3690

Deuteranomaly

43.5256, 42.5043, 63.6677

Tritanomaly

42.3200, 42.3232, 56.3908

Monochromacy



Original Color

43.7978, 42.3674, 63.6269

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0447, 42.8221, 53.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7978, 42.3674, 63.6269 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, 169, 205)` looks like.

```
.text, #text, p{  
    color:rgb(179, 169, 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, 169, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 169, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.7978, 42.3674, 63.6269 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, 169, 205) }
```


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

```
.border{ border-color:rgb(179, 169, 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, 169, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 169, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 169, 205);  
box-shadow:4px 4px 4px 4px rgb(179, 169,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7978, 42.3674, 63.6269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 169, 205) }
```

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

```
.background{ background-color: rgb(179,  
169, 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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