

Converting Colors

XYZ(43.1582, 42.4104, 59.3374)

Have a look what the booklet for
XYZ(43.1582, 42.4104, 59.3374)
contains.

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Color

**XYZ(43.1582, 42.4104,
59.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AAC6
RGB	179, 170, 198
RGB Percent	70%, 67%, 78%
CMY	0.2980, 0.3333, 0.2235
CMYK	0.10, 0.14, 0.00, 0.22
HSL	259°, 20%, 72%
HSV	259°, 14%, 78%
XYZ	43.1582, 42.4104, 59.3374
YIQ	175.8830, -3.6240, 10.6160

Conversions

Conversions Part 2

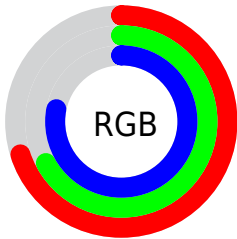
Format	Color
R _Y B	179, 170, 198
Decimal	11774662
CIE Lab	71.15, 8.65, -13.10
CIE LCh	71, 15.696, 303.432
Yxy	42.4104, 0.2978, 0.2927
Android (android.graphics.Color)	4289964742 (0xFFB3AAC6)
YUV	175.8830, 10.9037, 2.7336
Hunter-Lab	65.1233, 4.3290, -8.4361

Details

The XYZ color **43.1582, 42.4104, 59.3374** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.4375, 54.1103, 45.9237**, and the grayscale version is **41.1533, 43.2965, 47.1499**.

A 20% lighter version of the original color is **79.2362, 78.7326, 105.6285**, and **20.1167, 19.4061, 29.0710** is the 20% darker color. If you saturate the color by 10%, you get **36.7669, 34.0152, 58.0545**, and if you desaturate by 10%, it is **50.4137, 52.0832, 60.8227**.

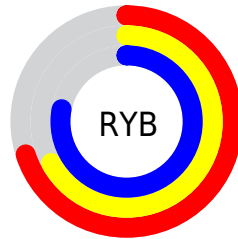
Distribution



Red (70%)

Green (67%)

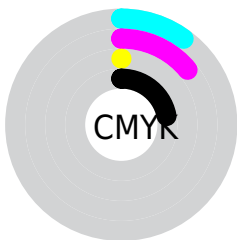
Blue (78%)



Red (70%)

Yellow (67%)

Blue (78%)

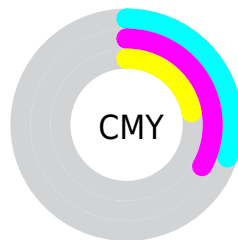


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1582, 42.4104, 59.3374 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 43.1582, 42.4104, 59.3374 by changing the saturation by 10% instead.

■ 43.1582, 42.4104,
59.3374

■ 43.1582, 42.4104,
59.3374

350.1725,
356.1814, 439.8878

■ 30.2043, 29.4228,
42.4630

■ 79.2038, 78.8204,
105.4018

■ 20.1426, 19.4009,
29.1357

103.0262,
103.0115, 135.4289

■ 12.6076, 11.9603,
18.9371

131.2021,
131.7059, 170.6773

■ 7.2340, 6.7167,
11.4485

164.0969,
165.2881, 211.5655

■ 3.6565, 3.2855,
6.2514

202.0760,
204.1423, 258.5122

■ 1.5097, 1.2826,
2.9273

245.5048,

■ 0.3324, 0.1276,

248.6530, 311.9357

1.0576

294.7484,
299.2046, 372.2547

■ 0.0000, 0.0000,
0.0000

■ 43.1582, 42.4104,
59.3374

■ 43.1582, 42.4104,
59.3374

■ 36.7669, 34.0152,
58.0545

■ 50.4137, 52.0832,
60.8227

■ 31.2025, 26.8380,
56.9624

■ 58.5612, 63.0793,
62.5157

■ 26.4305, 20.8223,
56.0528

■ 67.6319, 75.4485,
64.4251

■ 22.4122, 15.9051,
55.3155

■ 77.6544, 89.2366,
66.5583

■ 19.1056, 12.0170,
54.7393

■ 84.0243, 95.2237,
67.3782

■ 16.4641, 9.0807,
54.3117

■ 87.1932, 96.8573,
67.5265

■ 14.4350, 7.0071,
54.0184

■ 12.9558, 5.6896,
53.8421

■ 12.2838, 5.1550,
53.7743

Harmonies

Analogous

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



40.6131, 42.4104, 62.1810



43.1582, 42.4104, 59.3374



45.0000, 42.4104, 52.9569

Triad

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



43.1582, 42.4104, 59.3374



42.6122, 42.4104, 34.4066



35.4736, 42.4104, 47.0495

Complementary

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



43.1582, 42.4104, 59.3374



48.4375, 54.1103, 45.9237

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.



35.9574, 42.4104, 40.0033



43.1582, 42.4104, 59.3374



40.0081, 42.4104, 33.1868

Square

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



43.1582, 42.4104, 59.3374



44.6753, 42.4104, 38.6551



37.5896, 42.4104, 35.1235



36.2384, 42.4104, 54.6180

Rectangle

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



43.1582, 42.4104, 59.3374



45.5406, 42.4104, 47.8527



37.5896, 42.4104, 35.1235



35.4957, 42.4104, 44.5423

Sweetspot

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



43.1595, 42.4122, 59.3383



89.3810, 92.3746, 107.7269



44.9984, 49.0772, 60.5279



18.9093, 19.4743, 23.0122



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.



43.1595, 42.4122, 59.3383



72.7391, 70.2334, 104.3304



46.5274, 44.1484, 59.4960



10.3723, 10.4502, 13.3879



8.0682, 3.3936, 34.9741



0.4582, 0.2000, 1.6596

Inverse Universe

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



46.8502, 44.4312, 54.2529



80.5835, 74.5271, 93.4105



45.1604, 52.4209, 45.7703



10.9325, 10.7564, 12.6277



18.0008, 8.9499, 15.7459



0.8844, 0.4366, 0.9142

Previews

White Background



This preview shows how the XYZ color 43.1582, 42.4104, 59.3374 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 43.1582, 42.4104, 59.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

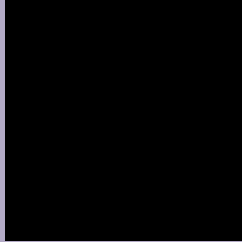
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1582, 42.4104, 59.3374

Background



This preview shows how black text looks on a background with the XYZ color 43.1582, 42.4104, 59.3374.



This preview shows how white text looks on a background with the XYZ color 43.1582, 42.4104,

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

43.1582, 42.4104, 59.3374

Protanopia

41.9465, 42.6033, 60.6560

Deuteranopia

43.3902, 42.5300, 59.3483



Tritanopia

41.7469, 42.3973, 52.4376

Trichromacy



Original Color

43.1582, 42.4104, 59.3374

Protanomaly

42.2949, 42.5128, 60.0094

Deuteranomaly

43.3902, 42.5300, 59.3483

Tritanomaly

42.2173, 42.3085, 54.6565

Monochromacy



Original Color

43.1582, 42.4104, 59.3374

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9192, 43.0799, 51.4533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1582, 42.4104, 59.3374 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, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 198)  
}
```

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, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.1582, 42.4104, 59.3374 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, 170, 198) }
```


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

```
.border{ border-color:rgb(179, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1582, 42.4104, 59.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 198) }
```

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

```
.background{ background-color: rgb(179,  
170, 198) }
```

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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