

Converting Colors

XYZ(42.2890, 39.9891, 58.8302)

Have a look what the booklet for
XYZ(42.2890, 39.9891, 58.8302)
contains.

XYZ(42.3463, 40.0954, 58.9334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.3463, 40.0954,
58.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A3C6
RGB	181, 163, 198
RGB Percent	71%, 64%, 78%
CMY	0.2902, 0.3608, 0.2235
CMYK	0.09, 0.18, 0.00, 0.22
HSL	271°, 23%, 71%
HSV	271°, 18%, 78%
XYZ	42.3463, 40.0954, 58.9334
YIQ	172.3720, -0.5070, 14.7010

Conversions

Conversions Part 2

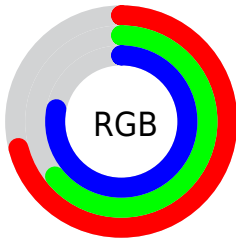
Format	Color
R _{YB}	181, 163, 198
Decimal	11903942
CIE Lab	69.54, 13.19, -15.51
CIE LCh	70, 20.360, 310.365
Yxy	40.0954, 0.2995, 0.2836
Android (android.graphics.Color)	4290094022 (0xFFB5A3C6)
YUV	172.3720, 12.6346, 7.5668
Hunter-Lab	63.3209, 8.5615, -10.8571

Details

The XYZ color **42.3463, 40.0954, 58.9334** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.6288, 52.7369, 42.4267**, and the grayscale version is **39.3403, 41.3891, 45.0727**.

A 20% lighter version of the original color is **78.0465, 75.3673, 105.0416**, and **19.6206, 17.9717, 28.8203** is the 20% darker color. If you saturate the color by 10%, you get **36.9246, 32.4846, 57.7507**, and if you desaturate by 10%, it is **48.4766, 48.8906, 60.3086**.

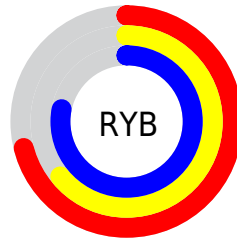
Distribution



Red (71%)

Green (64%)

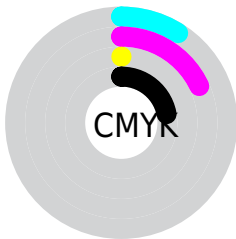
Blue (78%)



Red (71%)

Yellow (64%)

Blue (78%)

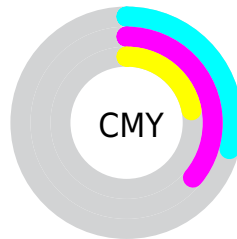


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3463, 40.0954, 58.9334 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 42.3463, 40.0954, 58.9334 by changing the saturation by 10% instead.

■ 42.3463, 40.0954,
58.9334

■ 42.3463, 40.0954,
58.9334

346.8837,
346.5255, 438.3501

■ 29.5648, 27.6129,
42.1399

■ 77.9853, 75.3088,
104.8090

■ 19.6550, 18.0341,
28.8844

■ 101.5736, 98.8084,
134.7282

■ 12.2513, 10.9745,
18.7486

129.4949,
126.7493, 169.8596

■ 6.9885, 6.0497,
11.3138

162.1146,
159.5158, 210.6219

■ 3.5012, 2.8753,
6.1615

199.7979,
197.4923, 257.4336

■ 1.4240, 1.0670,
2.8731

242.9103,

■ 0.2732, 0.0000,

241.0631, 310.7131

1.0302

291.8171,
290.6127, 370.8791

■ 0.0000, 0.0000,
0.0000

■ 42.3463, 40.0954,
58.9334

■ 42.3463, 40.0954,
58.9334

■ 36.9246, 32.4846,
57.7507

■ 48.4766, 48.8906,
60.3086

■ 32.1791, 26.0005,
56.7493

■ 55.3386, 58.9146,
61.8817

■ 28.0803, 20.5880,
55.9206

■ 62.9591, 70.2153,
63.6613

■ 24.5948, 16.1853,
55.2545

■ 71.3621, 82.8369,
65.6547

■ 21.6858, 12.7239,
54.7397

■ 78.2952, 92.2702,
67.1101

■ 19.3121, 10.1266,
54.3635

■ 81.4514, 93.8973,
67.2578

■ 17.4257, 8.3031,
54.1109

■ 84.7803, 95.6134,
67.4136

■ 15.9589, 7.1238,
53.9606

■ 87.1932, 96.8573,
67.5265

■ 15.6526, 6.8917,
53.9320

Harmonies

Analogous

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



39.2567, 40.0954, 63.9675



42.3463, 40.0954, 58.9334



44.3703, 40.0954, 50.0189

Triad

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



42.3463, 40.0954, 58.9334



40.2705, 40.0954, 28.7459



32.2304, 40.0954, 46.9916

Complementary

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



42.3463, 40.0954, 58.9334



45.6288, 52.7369, 42.4267

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.



32.4672, 40.0954, 37.8589



42.3463, 40.0954, 58.9334



36.9848, 40.0954, 28.1772

Square

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



42.3463, 40.0954, 58.9334



43.1250, 40.0954, 32.9627



34.1651, 40.0954, 31.2789



33.4987, 40.0954, 56.4454

Rectangle

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



42.3463, 40.0954, 58.9334



44.7777, 40.0954, 43.5420



34.1651, 40.0954, 31.2789



32.1385, 40.0954, 43.7724

Sweetspot

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



42.3475, 40.0971, 58.9343



88.8747, 90.9774, 107.4839



41.7212, 44.7101, 59.8577



18.8429, 19.2113, 22.9650



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.



42.3475, 40.0971, 58.9343



71.3511, 65.8595, 103.5593



46.5801, 42.2791, 59.1324



10.5681, 10.5511, 13.3971



10.2784, 4.5329, 35.0776



0.5701, 0.2576, 1.6648

Inverse Universe

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



44.6255, 41.4972, 48.8398



76.1606, 68.8150, 82.2761



41.9107, 50.8201, 42.2527



10.8449, 10.7214, 12.1667



16.5665, 8.3762, 8.1930



0.8210, 0.4112, 0.5805

Previews

White Background



This preview shows how the XYZ color 42.3463, 40.0954, 58.9334 looks on a white background.

Color Contrast Check

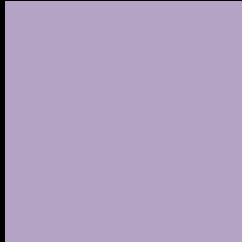
Large Text (above 18pt) WCAG AA × Fail

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 42.3463, 40.0954, 58.9334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

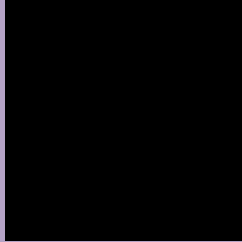
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3463, 40.0954, 58.9334

Background



This preview shows how black text looks on a background with the XYZ color 42.3463, 40.0954, 58.9334.



This preview shows how white text looks on a background with the XYZ color 42.3463, 40.0954,

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

42.3463, 40.0954, 58.9334

Protanopia

39.7676, 40.0561, 61.5127

Deuteranopia

40.9478, 40.1879, 58.4222



Tritanopia

40.1330, 39.9921, 48.2518

Trichromacy



Original Color

42.3463, 40.0954, 58.9334

Protanomaly

40.7564, 40.0355, 60.8379

Deuteranomaly

41.4377, 40.1716, 58.3932

Tritanomaly

40.9085, 40.0391, 52.0266

Monochromacy



Original Color

42.3463, 40.0954, 58.9334

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.2077, 40.8261, 49.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3463, 40.0954, 58.9334 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(181, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 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(181, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.3463, 40.0954, 58.9334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

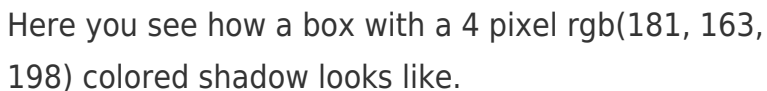
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 163, 198) }
```


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

```
.border{ border-color:rgb(181, 163, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 163, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 163, 198); box-shadow:4px 4px 4px 4px rgb(181, 163, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3463, 40.0954, 58.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 198) }
```

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

```
.background{ background-color: rgb(181,  
163, 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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