

Converting Colors

XYZ(40.4428, 39.6454, 58.9468)

Have a look what the booklet for
XYZ(40.4428, 39.6454, 58.9468)
contains.

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Color

**XYZ(40.4428, 39.6454,
58.9468)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA5C6
RGB	171, 165, 198
RGB Percent	67%, 65%, 78%
CMY	0.3294, 0.3529, 0.2235
CMYK	0.14, 0.17, 0.00, 0.22
HSL	251°, 22%, 71%
HSV	251°, 17%, 78%
XYZ	40.4428, 39.6454, 58.9468
YIQ	170.5560, -7.0170, 11.5350

Conversions

Conversions Part 2

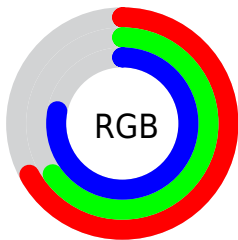
Format	Color
R _Y B	171, 165, 198
Decimal	11249094
CIE Lab	69.22, 8.76, -16.08
CIE LCh	69, 18.311, 298.584
Yxy	39.6454, 0.2909, 0.2851
Android (android.graphics.Color)	4289439174 (0xFFABA5C6)
YUV	170.5560, 13.5299, 0.3894
Hunter-Lab	62.9646, 4.4643, -11.4315

Details

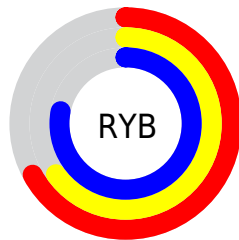
The XYZ color **40.4428, 39.6454, 58.9468** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7251, 54.3122, 43.5143**, and the grayscale version is **38.4241, 40.4251, 44.0230**.

A 20% lighter version of the original color is **75.3218, 74.7373, 105.0636**, and **18.5469, 17.7458, 28.8333** is the 20% darker color. If you saturate the color by 10%, you get **33.8292, 31.3393, 57.6928**, and if you desaturate by 10%, it is **48.0443, 49.2836, 60.4071**.

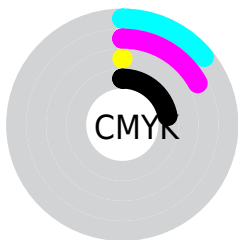
Distribution



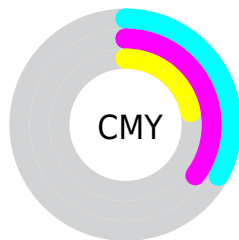
- Red (67%)
- Green (65%)
- Blue (78%)



- Red (67%)
- Yellow (65%)
- Blue (78%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4428, 39.6454, 58.9468 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 40.4428, 39.6454, 58.9468 by changing the saturation by 10% instead.

■ 40.4428, 39.6454,
58.9468

■ 40.4428, 39.6454,
58.9468

339.0889,
344.6267, 438.4011

■ 28.0697, 27.2622,
42.1506

■ 75.1174, 74.6232,
104.8287

■ 18.5189, 17.7702,
28.8928

■ 98.1496, 97.9866,
134.7514

■ 11.4251, 10.7851,
18.7548

125.4655,
125.7789, 169.8868

■ 6.4229, 5.9226,
11.3182

157.4306,
158.3844, 210.6532

■ 3.1470, 2.7980,
6.1645

194.4101,
196.1875, 257.4694

■ 1.2320, 1.0272,
2.8749

236.7694,

■ 0.1314, 0.0000,

239.5727, 310.7537

1.0311

284.8739,
288.9243, 370.9248

■ 0.0000, 0.0000,
0.0000

■ 40.4428, 39.6454,
58.9468

■ 40.4428, 39.6454,
58.9468

■ 33.8292, 31.3393,
57.6928

■ 48.0443, 49.2836,
60.4071

■ 28.1589, 24.3015,
56.6332

■ 56.6685, 60.3039,
62.0797

■ 23.3892, 18.4706,
55.7591

■ 66.3531, 72.7600,
63.9736

■ 19.4728, 13.7779,
55.0597

■ 77.1327, 86.7011,
66.0963

■ 16.3579, 10.1477,
54.5232

■ 86.1002, 96.2938,
67.4753

■ 13.9866, 7.4950,
54.1362

■ 87.1932, 96.8573,
67.5264

■ 12.2931, 5.7215,
53.8831

■ 11.1952, 4.7002,
53.7438

■ 10.9205, 4.4522,
53.7105

Harmonies

Analogous

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



37.5427, 39.6454, 61.3951



40.4428, 39.6454, 58.9468



42.6985, 39.6454, 52.1380

Triad

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



40.4428, 39.6454, 58.9468



40.6962, 39.6454, 30.8067



32.3242, 39.6454, 42.7695

Complementary

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



40.4428, 39.6454, 58.9468



48.7251, 54.3122, 43.5143

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.



33.0742, 39.6454, 35.2892



40.4428, 39.6454, 58.9468



37.8212, 39.6454, 28.9594

Square

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



40.4428, 39.6454, 58.9468



42.8501, 39.6454, 35.8966



35.0493, 39.6454, 30.4893



32.9467, 39.6454, 51.3584

Rectangle

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



40.4428, 39.6454, 58.9468



43.4800, 39.6454, 46.4410



35.0493, 39.6454, 30.4893



32.4234, 39.6454, 40.0508

Sweetspot

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



40.4440, 39.6471, 58.9477



87.3821, 90.2080, 107.4141



44.6709, 49.9969, 60.7226



18.4808, 19.0246, 22.9480



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.



40.4440, 39.6471, 58.9477



67.1621, 64.5924, 103.5355



44.1429, 41.5539, 59.1208



10.2336, 10.3787, 13.3814



7.1546, 2.9226, 34.9314



0.3951, 0.1674, 1.6566

Inverse Universe

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



46.2595, 42.7234, 55.6790



79.4258, 71.0829, 96.5050



44.8913, 52.3358, 43.3349



10.9972, 10.7823, 12.9685



19.4158, 9.5159, 23.1972



0.9415, 0.4594, 1.2151

Previews

White Background



This preview shows how the XYZ color 40.4428, 39.6454, 58.9468 looks on a white background.

Color Contrast Check

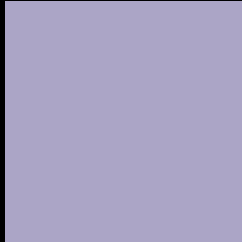
Large Text (above 18pt) WCAG AA × Fail

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 40.4428, 39.6454, 58.9468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

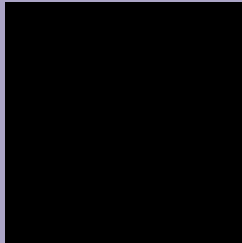
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4428, 39.6454, 58.9468

Background



This preview shows how black text looks on a background with the XYZ color 40.4428, 39.6454, 58.9468.



This preview shows how white text looks on a background with the XYZ color 40.4428, 39.6454,

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

40.4428, 39.6454, 58.9468

Protanopia

39.1443, 39.4889, 60.2026

Deuteranopia

40.4428, 39.6454, 58.9468



Tritanopia

38.4916, 39.6663, 49.3437

Trichromacy



Original Color

40.4428, 39.6454, 58.9468

Protanomaly

39.4621, 39.3953, 59.5570

Deuteranomaly

40.4428, 39.6454, 58.9468

Tritanomaly

39.1505, 39.6603, 52.6055

Monochromacy



Original Color

40.4428, 39.6454, 58.9468

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3230, 40.3701, 49.4357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4428, 39.6454, 58.9468 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(171, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 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(171, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.4428, 39.6454, 58.9468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

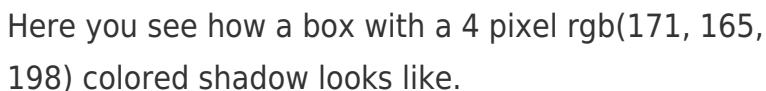
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 165, 198) }
```


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

```
.border{ border-color:rgb(171, 165, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 165, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 165, 198); box-shadow:4px 4px 4px 4px rgb(171, 165, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4428, 39.6454, 58.9468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 198) }
```

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

```
.background{ background-color: rgb(171,  
165, 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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