

Converting Colors

XYZ(39.8317, 39.2903, 54.7070)

Have a look what the booklet for
XYZ(39.8317, 39.2903, 54.7070)
contains.

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Color

**XYZ(39.8724, 39.4425,
54.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA5BF
RGB	172, 165, 191
RGB Percent	67%, 65%, 75%
CMY	0.3255, 0.3529, 0.2510
CMYK	0.10, 0.14, 0.00, 0.25
HSL	256°, 17%, 70%
HSV	256°, 14%, 75%
XYZ	39.8724, 39.4425, 54.8019
YIQ	170.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

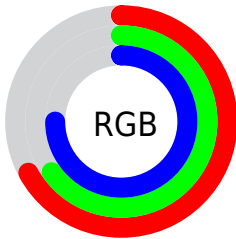
Format	Color
RYB	172, 165, 191
Decimal	11314623
CIELab	69.07, 7.61, -12.42
CIELCh	69, 14.564, 301.511
Yxy	39.4425, 0.2973, 0.2941
Android (android.graphics.Color)	4289504703 (0xFFACA5BF)
YUV	170.0570, 10.3249, 1.7040
Hunter-Lab	62.8033, 3.4200, -7.7740

Details

The XYZ color **39.8724, 39.4425, 54.8019** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.1908, 50.1696, 42.9010**, and the grayscale version is **38.1895, 40.1784, 43.7542**.

A 20% lighter version of the original color is **74.0603, 74.2327, 98.4206**, and **18.2383, 17.6383, 26.4880** is the 20% darker color. If you saturate the color by 10%, you get **33.7772, 31.5632, 53.6029**, and if you desaturate by 10%, it is **46.8063, 48.5200, 56.1892**.

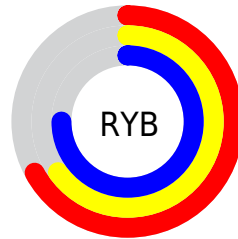
Distribution



Red (67%)

Green (65%)

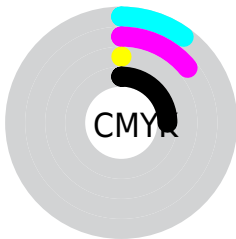
Blue (75%)



Red (67%)

Yellow (65%)

Blue (75%)

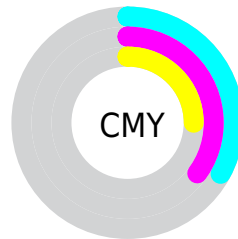


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8724, 39.4425, 54.8019 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 39.8724, 39.4425, 54.8019 by changing the saturation by 10% instead.

■ 39.8724, 39.4425,
54.8019

■ 39.8724, 39.4425,
54.8019

336.7291,
343.7682, 422.4213

■ 27.6228, 27.1041,
38.8456

■ 74.2547, 74.3138,
98.7189

■ 18.1805, 17.6514,
26.3327

■ 97.1182, 97.6156,
127.5167

■ 11.1802, 10.7000,
16.8447

124.2504,
125.3406, 161.4320

■ 6.2563, 5.8655,
9.9631

156.0167,
157.8732, 200.8835

■ 3.0437, 2.7635,
5.2692

192.7823,
195.5979, 246.2896

■ 1.1769, 1.0095,
2.3446

234.9127,

■ 0.0880, 0.0000,

238.8990, 298.0689

0.7560

282.7732,
288.1610, 356.6400

■ 0.0000, 0.0000,
0.0000

■ 39.8724, 39.4425,
54.8019

■ 39.8724, 39.4425,
54.8019

■ 33.7772, 31.5632,
53.6029

■ 46.8063, 48.5200,
56.1892

■ 28.4845, 24.8266,
52.5816

■ 54.6061, 58.8382,
57.7697

■ 23.9607, 19.1801,
51.7301

■ 63.3022, 70.4437,
59.5515

■ 20.1683, 14.5650,
51.0392

■ 72.9223, 83.3791,
61.5412

■ 17.0665, 10.9170,
50.4986

■ 81.7118, 94.1227,
63.1517

■ 14.6102, 8.1644,
50.0967

■ 86.4041, 96.5416,
63.3713

■ 12.7485, 6.2249,
49.8205

■ 11.4217, 5.0006,
49.6541

■ 10.7903, 4.4763,
49.5861

Harmonies

Analogous

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



37.6068, 39.4425, 57.0460



39.8724, 39.4425, 54.8019



41.5536, 39.4425, 49.3418

Triad

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



39.8724, 39.4425, 54.8019



39.6602, 39.4425, 32.6551



33.1985, 39.4425, 43.2844

Complementary

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



39.8724, 39.4425, 54.8019



45.1908, 50.1696, 42.9010

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.



33.6984, 39.4425, 37.1286



39.8724, 39.4425, 54.8019



37.3712, 39.4425, 31.3851

Square

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



39.8724, 39.4425, 54.8019



41.4275, 39.4425, 36.6008



35.2024, 39.4425, 32.9370



33.8082, 39.4425, 49.9856

Rectangle

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



39.8724, 39.4425, 54.8019



42.0827, 39.4425, 44.8625



35.2024, 39.4425, 32.9370



33.2422, 39.4425, 41.0853

Sweetspot

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



39.8736, 39.4442, 54.8028



83.2347, 86.1160, 100.5142



42.0767, 46.0708, 55.9657



18.0591, 18.6229, 22.0281



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8736, 39.4442, 54.8028



68.3848, 66.7100, 97.5512



42.8518, 40.9795, 54.9422



9.2510, 9.3463, 11.9886



7.1580, 2.9762, 32.5901



0.3452, 0.1500, 1.2796

Inverse Universe

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



43.5940, 41.4490, 51.0519



76.2239, 70.9362, 89.5633



42.2327, 48.6446, 42.7626



9.8174, 9.6512, 11.4272



17.2460, 8.5296, 17.1211



0.7014, 0.3445, 0.8071

Previews

White Background



This preview shows how the XYZ color 39.8724, 39.4425, 54.8019 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 39.8724, 39.4425, 54.8019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

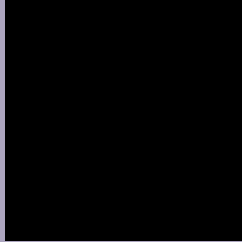
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8724, 39.4425, 54.8019

Background



This preview shows how black text looks on a background with the XYZ color 39.8724, 39.4425, 54.8019.



This preview shows how white text looks on a background with the XYZ color 39.8724, 39.4425,

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

39.8724, 39.4425, 54.8019

Protanopia

38.6430, 39.3357, 55.4250

Deuteranopia

40.1350, 39.3112, 54.7627



Tritanopia

38.6345, 39.4788, 48.7639

Trichromacy



Original Color

39.8724, 39.4425, 54.8019

Protanomaly

39.0870, 39.2937, 55.3935

Deuteranomaly

39.9130, 39.1967, 54.7523

Tritanomaly

39.0825, 39.3911, 50.8908

Monochromacy



Original Color

39.8724, 39.4425, 54.8019

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8331, 39.8775, 47.7699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8724, 39.4425, 54.8019 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(172, 165, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 191)  
}
```

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(172, 165, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 191) }
```

Border

The CSS property to change the border of an element to XYZ 39.8724, 39.4425, 54.8019 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(172, 165, 191) }
```


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

```
.border{ border-color:rgb(172, 165, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 165, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8724, 39.4425, 54.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 191) }
```

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

```
.background{ background-color: rgb(172,  
165, 191) }
```

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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