

Converting Colors

XYZ(44.8797, 40.2852, 53.2068)

Have a look what the booklet for
XYZ(44.8797, 40.2852, 53.2068)
contains.

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Color

**XYZ(44.8571, 40.2267,
52.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	C79EBC
RGB	199, 158, 188
RGB Percent	78%, 62%, 74%
CMY	0.2196, 0.3804, 0.2627
CMYK	0.00, 0.21, 0.06, 0.22
HSL	316°, 27%, 70%
HSV	316°, 21%, 78%
XYZ	44.8571, 40.2267, 52.9772
YIQ	173.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

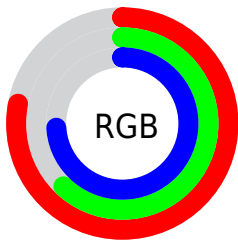
Format	Color
R _Y B	199, 158, 188
Decimal	13082300
CIE Lab	69.63, 20.19, -9.66
CIE LCh	70, 22.381, 334.417
Yxy	40.2267, 0.3249, 0.2914
Android (android.graphics.Color)	4291272380 (0xFFC79EBC)
YUV	173.6790, 7.0603, 22.2065
Hunter-Lab	63.4245, 15.2515, -5.1266

Details

The XYZ color **44.8571, 40.2267, 52.9772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.6870, 50.9816, 45.1817**, and the grayscale version is **40.0281, 42.1127, 45.8607**.

A 20% lighter version of the original color is **81.3634, 75.3802, 95.8495**, and **21.2043, 18.0771, 25.2933** is the 20% darker color. If you saturate the color by 10%, you get **41.1690, 33.7541, 48.9605**, and if you desaturate by 10%, it is **49.1186, 47.8107, 57.2910**.

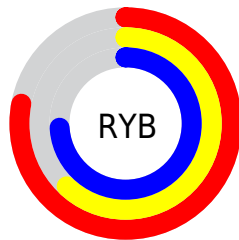
Distribution



Red (78%)

Green (62%)

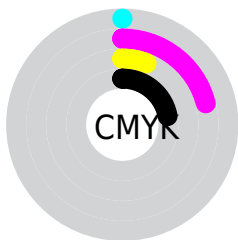
Blue (74%)



Red (78%)

Yellow (62%)

Blue (74%)

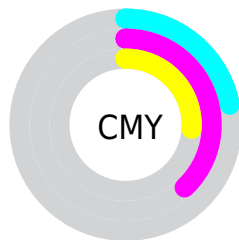


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8571, 40.2267, 52.9772 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 44.8571, 40.2267, 52.9772 by changing the saturation by 10% instead.

■ 44.8571, 40.2267,
52.9772

■ 44.8571, 40.2267,
52.9772

356.9879,
347.0782, 415.2615

■ 31.5457, 27.7153,
37.3970

■ 81.7443, 75.5086,
96.0120

■ 21.1686, 18.1112,
25.2168

■ 106.0508, 99.0479,
124.3037

■ 13.3605, 11.0298,
16.0182

134.7531,
127.0320, 157.6696

■ 7.7559, 6.0869,
9.3825

168.2164,
159.8453, 196.5283

■ 3.9897, 2.8980,
4.8913

206.8062,
197.8722, 241.2983

■ 1.6963, 1.0787,
2.1260

250.8879,

■ 0.4539, 0.0000,

241.4970, 292.3981

0.6312

300.8266,
291.1042, 350.2463

■ 0.0000, 0.0000,
0.0000

■ 44.8571, 40.2267,
52.9772

■ 44.8571, 40.2267,
52.9772

■ 41.1690, 33.7541,
48.9605

■ 49.1186, 47.8107,
57.2910

■ 38.0239, 28.3345,
45.2284

■ 53.9746, 56.5500,
61.9087

■ 35.3943, 23.9126,
41.7709

■ 59.4498, 66.4928,
66.8400

■ 33.2487, 20.4255,
38.5765

■ 65.5662, 77.6829,
72.0935

■ 31.5518, 17.8034,
35.6321

■ 71.5404, 88.5530,
77.4089

■ 30.2637, 15.9665,
32.9232

■ 72.2367, 88.8315,
81.0755

■ 29.3367, 14.8202,
30.4328

■ 72.9556, 89.1191,
84.8610

■ 28.7111, 14.2053,
28.2622

■ 73.6973, 89.4158,
88.7667

■ 74.4619, 89.7216,
92.7934

Harmonies

Analogous

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



42.3018, 40.2267, 62.3735



44.8571, 40.2267, 52.9772



45.5967, 40.2267, 42.2839

Triad

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



44.8571, 40.2267, 52.9772



37.7011, 40.2267, 26.7901



32.7787, 40.2267, 56.0510

Complementary

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



44.8571, 40.2267, 52.9772



41.6870, 50.9816, 45.1817

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.



31.7104, 40.2267, 45.3520



44.8571, 40.2267, 52.9772



34.4362, 40.2267, 29.3367

Square

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



44.8571, 40.2267, 52.9772



41.3171, 40.2267, 28.1780



32.2977, 40.2267, 35.7491



35.3087, 40.2267, 64.3354

Rectangle

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



44.8571, 40.2267, 52.9772



44.9237, 40.2267, 36.0711



32.2977, 40.2267, 35.7491



32.2442, 40.2267, 52.5610

Sweetspot

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



44.8583, 40.2285, 52.9781



89.7078, 90.3621, 103.8933



38.8853, 37.0070, 59.1269



19.0818, 19.1266, 22.1234



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.



44.8583, 40.2285, 52.9781



75.3425, 64.7976, 89.3441



42.8090, 39.4088, 42.1868



10.9569, 10.7662, 12.7565



18.4997, 9.1495, 18.3734



0.9049, 0.4448, 1.0226

Inverse Universe

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



44.8583, 40.2285, 52.9781



75.3425, 64.7976, 89.3441



43.7577, 51.8099, 56.0861



10.9569, 10.7662, 12.7565



18.4997, 9.1495, 18.3734



0.9049, 0.4448, 1.0226

Previews

White Background



This preview shows how the XYZ color 44.8571, 40.2267, 52.9772 looks on a white background.

Color Contrast Check

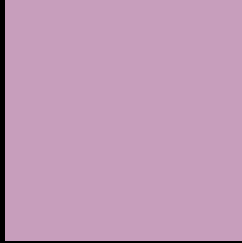
Large Text (above 18pt) WCAG AA × Fail

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 44.8571, 40.2267, 52.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

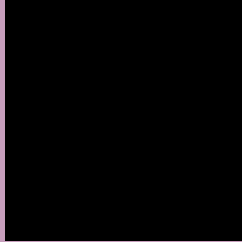
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8571, 40.2267, 52.9772

Background



This preview shows how black text looks on a background with the XYZ color 44.8571, 40.2267, 52.9772.



This preview shows how white text looks on a background with the XYZ color 44.8571, 40.2267,

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

44.8571, 40.2267, 52.9772

Protanopia

39.7642, 40.4231, 57.3364

Deuteranopia

41.1963, 40.4440, 52.6489



Tritanopia

43.3137, 40.3772, 45.0459

Trichromacy



Original Color

44.8571, 40.2267, 52.9772

Protanomaly

41.3297, 40.1810, 55.4466

Deuteranomaly

42.3165, 40.2213, 52.5469

Tritanomaly

43.8954, 40.3617, 47.5965

Monochromacy



Original Color

44.8571, 40.2267, 52.9772

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.6678, 41.3272, 48.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8571, 40.2267, 52.9772 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(199, 158, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 188)  
}
```

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(199, 158, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 188) }
```

Border

The CSS property to change the border of an element to XYZ 44.8571, 40.2267, 52.9772 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(199, 158, 188) }
```


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

```
.border{ border-color:rgb(199, 158, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 158, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 158, 188); box-shadow:4px 4px 4px 4px rgb(199, 158, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8571, 40.2267, 52.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 188) }
```

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

```
.background{ background-color: rgb(199,  
158, 188) }
```

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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