

Converting Colors

XYZ(42.6100, 39.3444, 40.6090)

Have a look what the booklet for
XYZ(42.6100, 39.3444, 40.6090)
contains.

XYZ(42.4809, 39.2762, 40.4640)	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(42.4809, 39.2762,
40.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	C79EA4
RGB	199, 158, 164
RGB Percent	78%, 62%, 64%
CMY	0.2196, 0.3804, 0.3569
CMYK	0.00, 0.21, 0.18, 0.22
HSL	351°, 27%, 70%
HSV	351°, 21%, 78%
XYZ	42.4809, 39.2762, 40.4640
YIQ	170.9430, 22.5100, 10.5580

Conversions

Conversions Part 2

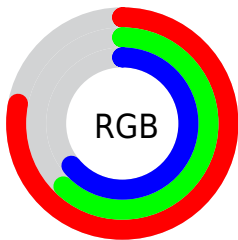
Format	Color
RYB	199, 158, 164
Decimal	13082276
CIELab	68.95, 16.12, 2.68
CIELCh	69, 16.339, 9.425
Yxy	39.2762, 0.3476, 0.3214
Android (android.graphics.Color)	4291272356 (0xFFC79EA4)
YUV	170.9430, -3.4229, 24.6060
Hunter-Lab	62.6707, 11.3212, 5.5883

Details

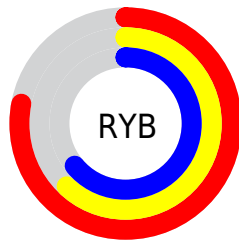
The XYZ color **42.4809, 39.2762, 40.4640** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.1512, 51.9672, 58.1584**, and the grayscale version is **38.6897, 40.7046, 44.3273**.

A 20% lighter version of the original color is **77.8204, 73.9630, 77.1925**, and **19.7557, 17.4977, 17.6654** is the 20% darker color. If you saturate the color by 10%, you get **37.9243, 32.4562, 31.8744**, and if you desaturate by 10%, it is **47.7944, 47.2810, 50.3181**.

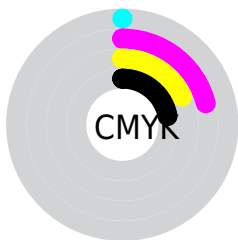
Distribution



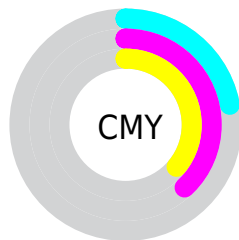
- Red (78%)
- Green (62%)
- Blue (64%)



- Red (78%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4809, 39.2762, 40.4640 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 42.4809, 39.2762, 40.4640 by changing the saturation by 10% instead.


 42.4809, 39.2762,
40.4640

 42.4809, 39.2762,
40.4640

347.4304,
343.0633, 363.6855

 29.6708, 26.9747,
27.5840


 78.1875, 74.0601,
77.1144

 19.7357, 17.5542,
17.7760


 101.8148, 97.3112,
101.7218

 12.3102, 10.6304,
10.6215


129.7784,
124.9810, 131.0754

 7.0290, 5.8189,
5.7020

162.4439,
157.4538, 165.5937

 3.5267, 2.7353,
2.5989

200.1764,
195.1140, 205.6954

 1.4380, 0.9951,
0.8919

243.3414,

 0.2831, 0.0000,

238.3461, 251.7989

0.0000

292.3043,
287.5344, 304.3227

■ 0.0000, 0.0000,
0.0000

■ 42.4809, 39.2762,
40.4640

■ 42.4809, 39.2762,
40.4640

■ 37.9243, 32.4562,
31.8744

■ 47.7944, 47.2810,
50.3181

■ 34.0867, 26.7597,
24.4955

■ 53.8936, 56.5176,
61.4824

■ 30.9321, 22.1277,
18.2732

■ 60.8102, 67.0369,
74.0037

■ 28.4199, 18.4940,
13.1486

■ 68.5727, 78.8855,
87.9255

■ 26.5052, 15.7847,
9.0572

■ 76.4042, 90.4985,
103.0213

■ 25.1372, 13.9159,
5.9278

■ 77.3634, 90.8822,
108.0723

■ 24.2564, 12.7880,
3.6801

■ 23.7764, 12.2314,
2.2770

Harmonies

Analogous

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



42.2076, 39.2762, 47.9946



42.4809, 39.2762, 40.4640



41.3256, 39.2762, 34.3048

Triad

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



42.4809, 39.2762, 40.4640



34.2463, 39.2762, 32.6350



35.6020, 39.2762, 57.6122

Complementary

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



42.4809, 39.2762, 40.4640



44.1512, 51.9672, 58.1584

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.



33.6022, 39.2762, 52.5133



42.4809, 39.2762, 40.4640



32.8450, 39.2762, 37.9300

Square

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



42.4809, 39.2762, 40.4640



36.5185, 39.2762, 30.1431



32.6148, 39.2762, 45.1518



38.1552, 39.2762, 58.4946

Rectangle

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



42.4809, 39.2762, 40.4640



39.9310, 39.2762, 31.5886



32.6148, 39.2762, 45.1518



34.8461, 39.2762, 56.3085

Sweetspot

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



42.4820, 39.2780, 40.4648



88.3295, 89.8108, 96.6352



44.4910, 39.8969, 59.3891



18.7563, 18.9964, 20.4094



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.



42.4820, 39.2780, 40.4648



70.4179, 62.8278, 63.4116



44.5452, 44.2508, 38.5435



10.6960, 10.6618, 11.3826



15.3088, 7.8731, 1.5699



0.7457, 0.3811, 0.1842

Inverse Universe

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



42.4820, 39.2780, 40.4648



70.4179, 62.8278, 63.4116



41.6867, 45.9457, 60.7045



10.6960, 10.6618, 11.3826



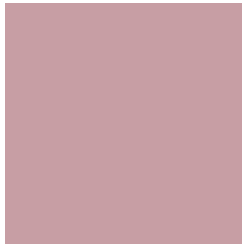
15.3088, 7.8731, 1.5699



0.7457, 0.3811, 0.1842

Previews

White Background



This preview shows how the XYZ color 42.4809, 39.2762, 40.4640 looks on a white background.

Color Contrast Check

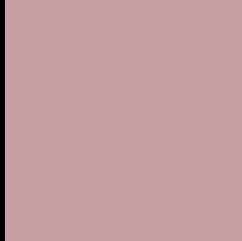
Large Text (above 18pt) WCAG AA × Fail

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 42.4809, 39.2762, 40.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

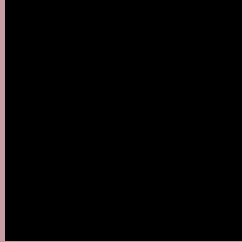
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4809, 39.2762, 40.4640

Background



This preview shows how black text looks on a background with the XYZ color 42.4809, 39.2762, 40.4640.



This preview shows how white text looks on a background with the XYZ color 42.4809, 39.2762,

40.4640.

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

42.4809, 39.2762, 40.4640

Protanopia

37.9587, 39.5278, 43.1651

Deuteranopia

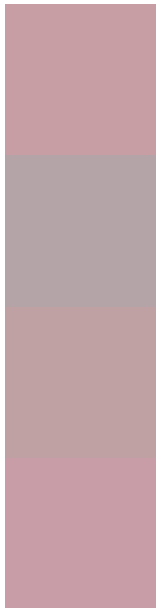
40.2016, 39.4035, 40.1371



Tritanopia

43.0378, 39.2579, 42.8453

Trichromacy



Original Color

42.4809, 39.2762, 40.4640

Protanomaly

39.3066, 39.1647, 42.0471

Deuteranomaly

40.8416, 39.2104, 40.0661

Tritanomaly

42.8514, 39.1833, 41.8638

Monochromacy



Original Color

42.4809, 39.2762, 40.4640

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7602, 39.9233, 42.6562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4809, 39.2762, 40.4640 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 164) }
```

Border

The CSS property to change the border of an element to XYZ 42.4809, 39.2762, 40.4640 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, 164) }
```


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

```
.border{ border-color:rgb(199, 158, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4809, 39.2762, 40.4640 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, 164) }
```

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

```
.background{ background-color: rgb(199,  
158, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor