

Converting Colors

XYZ(40.2408, 44.0818, 42.7962)

Have a look what the booklet for
XYZ(40.2408, 44.0818, 42.7962)
contains.

XYZ(40.3096, 44.2032, 42.9667)	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(40.3096, 44.2032,
42.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB4A7
RGB	172, 180, 167
RGB Percent	67%, 71%, 65%
CMY	0.3255, 0.2941, 0.3451
CMYK	0.04, 0.00, 0.07, 0.29
HSL	97°, 8%, 68%
HSV	97°, 7%, 71%
XYZ	40.3096, 44.2032, 42.9667
YIQ	176.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

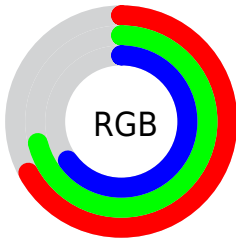
Format	Color
RYB	167, 180, 175
Decimal	11318439
CIELab	72.36, -5.22, 5.66
CIELCh	72, 7.697, 132.715
Yxy	44.2032, 0.3162, 0.3467
Android (android.graphics.Color)	4289508519 (0xFFACB4A7)
YUV	176.1260, -4.4991, -3.6185
Hunter-Lab	66.4855, -8.1265, 8.2233

Details

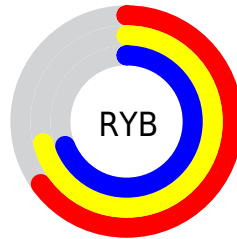
The XYZ color **40.3096, 44.2032, 42.9667** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7378, 40.0478, 48.8179**, and the grayscale version is **41.3565, 43.5103, 47.3827**.

A 20% lighter version of the original color is **74.8588, 81.5957, 80.9113**, and **18.4296, 20.4096, 19.1878** is the 20% darker color. If you saturate the color by 10%, you get **36.4293, 42.3832, 34.6949**, and if you desaturate by 10%, it is **44.6267, 46.2242, 52.4700**.

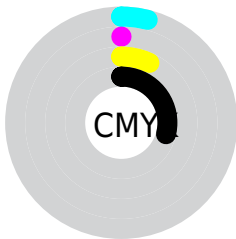
Distribution



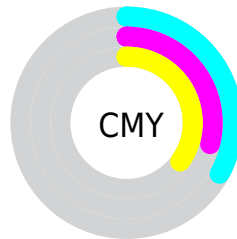
- Red (67%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3096, 44.2032, 42.9667 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 40.3096, 44.2032, 42.9667 by changing the saturation by 10% instead.

■ 40.3096, 44.2032,
42.9667

■ 40.3096, 44.2032,
42.9667

338.5388,
363.5368, 374.3920

■ 27.9653, 30.8303,
29.5278

■ 74.9161, 81.5234,
80.9464

■ 18.4398, 20.4697,
19.2314

■ 97.9090, 106.2395,
106.3243

■ 11.3678, 12.7369,
11.6591

125.1821,
135.5055, 136.5189

■ 6.3839, 7.2476,
6.3923

157.1008,
169.7057, 171.9488

■ 3.1228, 3.6174,
3.0124

194.0305,
209.2245, 213.0325

■ 1.2190, 1.4620,
1.1010

236.3365,

■ 0.1213, 0.2617,

254.4464, 260.1886

0.0000

284.3842,
305.7557, 313.8356

■ 0.0000, 0.0000,
0.0000

■ 40.3096, 44.2032,
42.9667

■ 40.3096, 44.2032,
42.9667

■ 36.4293, 42.3832,
34.6949

■ 44.6267, 46.2242,
52.4700

■ 32.9678, 40.7522,
27.6012

■ 49.3908, 48.4465,
63.2492

■ 29.9110, 39.3052,
21.6330

■ 54.6160, 50.8778,
75.3502

■ 27.2426, 38.0353,
16.7321

■ 60.3150, 53.5236,
88.8158

■ 24.9451, 36.9348,
12.8354

■ 66.1755, 56.2595,
101.9791

■ 22.9995, 35.9954,
9.8731

■ 69.7914, 58.1235,
102.1483

■ 21.3847, 35.2079,
7.7664

■ 73.6364, 60.1057,
102.3282

■ 20.0769, 34.5620,
6.4235

■ 75.6121, 61.1242,
102.4207

■ 19.0438, 34.0442,
5.7110

Harmonies

Analogous

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



41.4557, 44.2032, 41.3590



40.3096, 44.2032, 42.9667



39.6284, 44.2032, 45.9948

Triad

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



40.3096, 44.2032, 42.9667



41.2616, 44.2032, 55.4363



44.5477, 44.2032, 46.5420

Complementary

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



40.3096, 44.2032, 42.9667



39.7378, 40.0478, 48.8179

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.



44.4931, 44.2032, 50.3298



40.3096, 44.2032, 42.9667



42.5769, 44.2032, 55.6018

Square

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



40.3096, 44.2032, 42.9667



40.1701, 44.2032, 53.2496



43.7654, 44.2032, 53.6907



43.9131, 44.2032, 43.3491

Rectangle

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



40.3096, 44.2032, 42.9667



39.5206, 44.2032, 48.4761



43.7654, 44.2032, 53.6907



44.6097, 44.2032, 47.7851

Sweetspot

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



40.3108, 44.2051, 42.9677



77.0493, 82.0035, 86.5625



41.0902, 43.0772, 42.7089



16.6715, 17.7325, 18.7498



86.6293, 91.1408, 99.2523



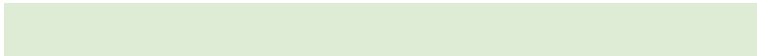
17.0014, 17.8868, 19.4787

Same Dimension

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



40.3108, 44.2051, 42.9677



71.6693, 79.4840, 74.8393



39.3548, 43.6983, 43.5537



8.6877, 9.6441, 9.0561



13.1850, 23.7072, 3.8810



0.4812, 0.7801, 0.1252

Inverse Universe

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



39.7378, 40.0478, 48.8179



70.3695, 70.0551, 88.1077



40.7491, 40.5844, 48.1769



8.5272, 8.4803, 10.6938



10.3831, 4.6885, 30.4947



0.3894, 0.1799, 0.9624

Previews

White Background



This preview shows how the XYZ color 40.3096, 44.2032, 42.9667 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 40.3096, 44.2032, 42.9667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

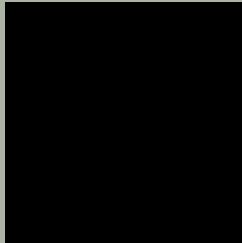
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

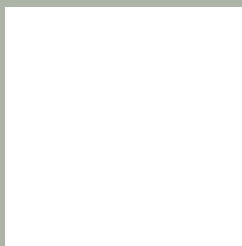
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3096, 44.2032, 42.9667

Background



This preview shows how black text looks on a background with the XYZ color 40.3096, 44.2032, 42.9667.



This preview shows how white text looks on a background with the XYZ color 40.3096, 44.2032,

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

40.3096, 44.2032, 42.9667

Protanopia

42.0421, 44.2282, 41.9183

Deuteranopia

45.0130, 43.9962, 43.6558



Tritanopia

42.9209, 44.3921, 55.0216

Trichromacy



Original Color

40.3096, 44.2032, 42.9667

Protanomaly

41.3937, 44.1777, 42.4219

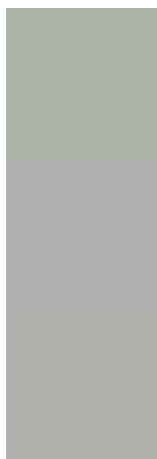
Deuteranomaly

43.1902, 43.9181, 43.2465

Tritanomaly

42.0431, 44.3321, 50.5970

Monochromacy



Original Color

40.3096, 44.2032, 42.9667

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9442, 43.5754, 45.7881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3096, 44.2032, 42.9667 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, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(172, 180, 167)  
}
```

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, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 180, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.3096, 44.2032, 42.9667 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, 180, 167) }
```


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

```
.border{ border-color:rgb(172, 180, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 180, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(172, 180,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3096, 44.2032, 42.9667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 180, 167) }
```

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

```
.background{ background-color: rgb(172,  
180, 167) }
```

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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