

Converting Colors

XYZ(44.1264, 44.4854, 40.5913)

Have a look what the booklet for
XYZ(44.1264, 44.4854, 40.5913)
contains.

XYZ(44.1633, 44.4828, 40.4408)	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(44.1633, 44.4828,
40.4408)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AEA2
RGB	195, 174, 162
RGB Percent	76%, 68%, 64%
CMY	0.2353, 0.3176, 0.3647
CMYK	0.00, 0.11, 0.17, 0.24
HSL	22°, 22%, 70%
HSV	22°, 17%, 76%
XYZ	44.1633, 44.4828, 40.4408
YIQ	178.9110, 16.3680, 0.7200

Conversions

Conversions Part 2

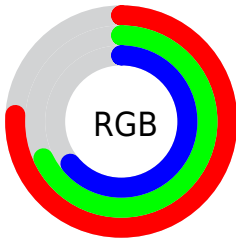
Format	Color
R _Y B	195, 181, 162
Decimal	12824226
CIE Lab	72.55, 5.59, 8.91
CIE LCh	73, 10.515, 57.909
Yxy	44.4828, 0.3421, 0.3446
Android (android.graphics.Color)	4291014306 (0xFFC3AEA2)
YUV	178.9110, -8.3371, 14.1101
Hunter-Lab	66.6954, 1.4792, 10.7363

Details

The XYZ color **44.1633, 44.4828, 40.4408** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6839, 45.4875, 58.2131**, and the grayscale version is **42.8382, 45.0691, 49.0803**.

A 20% lighter version of the original color is **80.6886, 81.7438, 77.1710**, and **20.7585, 20.7076, 17.6547** is the 20% darker color. If you saturate the color by 10%, you get **40.2756, 39.2694, 31.2460**, and if you desaturate by 10%, it is **48.5437, 50.2505, 51.1271**.

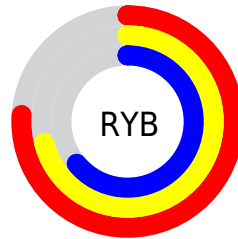
Distribution



Red (76%)

Green (68%)

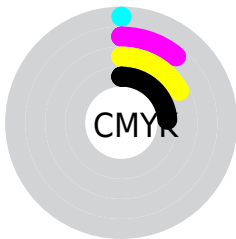
Blue (64%)



Red (76%)

Yellow (71%)

Blue (64%)

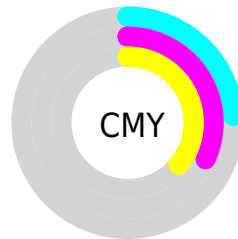


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1633, 44.4828, 40.4408 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 44.1633, 44.4828, 40.4408 by changing the saturation by 10% instead.


 44.1633, 44.4828,
40.4408


 44.1633, 44.4828,
40.4408


354.2152,
364.6748, 363.5852

 30.9974, 31.0502,
27.5660


 80.7082, 81.9437,
77.0787

 20.7487, 20.6371,
17.7626


 104.8180,
106.7409, 101.6789

 13.0518, 12.8590,
10.6120

133.3063,
136.0951, 131.0246

 7.5415, 7.3315,
5.6957

166.5387,
170.3907, 165.5344

 3.8523, 3.6703,
2.5952

204.8804,
210.0121, 205.6268

 1.6189, 1.4909,
0.8900

248.6968,

 0.4047, 0.2823,

255.3436, 251.7204

0.0000

298.3533,
306.7697, 304.2337

■ 0.0000, 0.0000,
0.0000

■ 44.1633, 44.4828,
40.4408

■ 44.1633, 44.4828,
40.4408

■ 40.2756, 39.2694,
31.2460

■ 48.5437, 50.2505,
51.1271

■ 36.8587, 34.5876,
23.4727

■ 53.4304, 56.5828,
63.3647

■ 33.8942, 30.4215,
17.0497

■ 58.8410, 63.4969,
77.2138

■ 31.3611, 26.7522,
11.8985

■ 64.7913, 71.0076,
92.7303

■ 29.2364, 23.5598,
7.9321

■ 70.5627, 78.8359,
106.1055

■ 27.4949, 20.8223,
5.0527

■ 74.2607, 86.2320,
107.3382

■ 26.1076, 18.5162,
3.1463

■ 76.3158, 90.3422,
108.0233

■ 25.0378, 16.6135,
2.0594

■ 24.7547, 16.0999,
1.8029

Harmonies

Analogous

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



45.4433, 44.4828, 43.8993



44.1633, 44.4828, 40.4408



42.4072, 44.4828, 39.1058

Triad

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



44.1633, 44.4828, 40.4408



38.8828, 44.4828, 48.0700



43.9364, 44.4828, 57.8270

Complementary

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



44.1633, 44.4828, 40.4408



41.6839, 45.4875, 58.2131

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.



42.1522, 44.4828, 59.1393



44.1633, 44.4828, 40.4408



39.2662, 44.4828, 53.2711

Square

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



44.1633, 44.4828, 40.4408



39.3877, 44.4828, 43.3097



40.4502, 44.4828, 57.4171



45.3097, 44.4828, 53.9478

Rectangle

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



44.1633, 44.4828, 40.4408



41.2141, 44.4828, 39.5220



40.4502, 44.4828, 57.4171



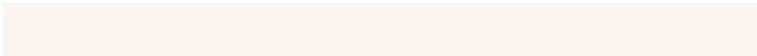
43.3632, 44.4828, 58.5946

Sweetspot

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



44.1645, 44.4848, 40.4417



88.4875, 92.0143, 95.4005



44.0207, 40.8810, 50.6169



19.2456, 19.9779, 20.5634



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.



44.1645, 44.4848, 40.4417



76.6427, 76.3994, 66.5593



47.4520, 51.0598, 41.5376



10.3665, 10.6643, 10.5739



16.1626, 10.6110, 1.1963



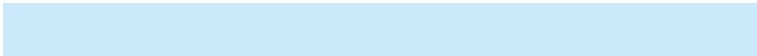
0.7642, 0.5902, 0.0736

Inverse Universe

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



41.6839, 45.4875, 58.2131



71.4353, 78.5016, 103.8571



38.5607, 39.2412, 57.1721



10.0505, 10.7923, 12.8382



11.1746, 12.1058, 35.3043



0.5465, 0.6504, 1.5466

Previews

White Background



This preview shows how the XYZ color 44.1633, 44.4828, 40.4408 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 44.1633, 44.4828, 40.4408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

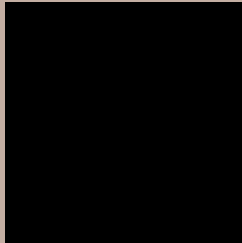
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1633, 44.4828, 40.4408

Background



This preview shows how black text looks on a background with the XYZ color 44.1633, 44.4828, 40.4408.



This preview shows how white text looks on a background with the XYZ color 44.1633, 44.4828,

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

44.1633, 44.4828, 40.4408

Protanopia

42.4306, 44.4389, 41.4632

Deuteranopia

45.3615, 44.5312, 40.3870



Tritanopia

46.5033, 44.5923, 51.5036

Trichromacy



Original Color

44.1633, 44.4828, 40.4408

Protanomaly

43.1225, 44.5138, 40.9696

Deuteranomaly

45.0183, 44.6379, 40.4257

Tritanomaly

45.6150, 44.5100, 47.2614

Monochromacy



Original Color

44.1633, 44.4828, 40.4408

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.2725, 44.7757, 45.8970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1633, 44.4828, 40.4408 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(195, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 162)  
}
```

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(195, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 44.1633, 44.4828, 40.4408 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(195, 174, 162) }
```


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

```
.border{ border-color:rgb(195, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1633, 44.4828, 40.4408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 162) }
```

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

```
.background{ background-color: rgb(195,  
174, 162) }
```

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