

Converting Colors

XYZ(44.5523, 44.3306, 36.7816)

Have a look what the booklet for
XYZ(44.5523, 44.3306, 36.7816)
contains.

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Color

**XYZ(44.4047, 44.1175,
36.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AC9A
RGB	200, 172, 154
RGB Percent	78%, 67%, 60%
CMY	0.2157, 0.3255, 0.3961
CMYK	0.00, 0.14, 0.23, 0.22
HSL	23°, 29%, 69%
HSV	23°, 23%, 78%
XYZ	44.4047, 44.1175, 36.7470
YIQ	178.3200, 22.4660, 0.3380

Conversions

Conversions Part 2

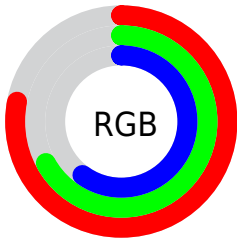
Format	Color
R _Y B	200, 184, 154
Decimal	13151386
CIE Lab	72.31, 7.34, 13.01
CIE LCh	72, 14.934, 60.569
Yxy	44.1175, 0.3545, 0.3522
Android (android.graphics.Color)	4291341466 (0xFFC8AC9A)
YUV	178.3200, -11.9898, 19.0134
Hunter-Lab	66.4210, 3.0966, 13.6929

Details

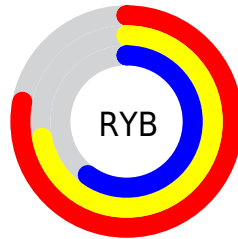
The XYZ color **44.4047, 44.1175, 36.7470** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4794, 44.4950, 61.0988**, and the grayscale version is **42.5406, 44.7560, 48.7393**.

A 20% lighter version of the original color is **80.0943, 80.7522, 71.0398**, and **20.8417, 20.4320, 15.6772** is the 20% darker color. If you saturate the color by 10%, you get **40.6646, 39.0843, 27.9555**, and if you desaturate by 10%, it is **48.6370, 49.6901, 47.0728**.

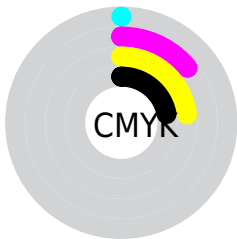
Distribution



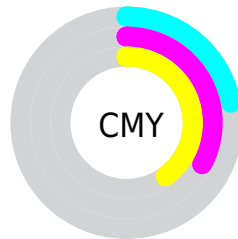
- Red (78%)
- Green (67%)
- Blue (60%)



- Red (78%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4047, 44.1175, 36.7470 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 44.4047, 44.1175, 36.7470 by changing the saturation by 10% instead.


 44.4047, 44.1175,
36.7470


 44.4047, 44.1175,
36.7470


355.1816,
363.1875, 347.3495

 31.1881, 30.7629,
24.7174


 81.0690, 81.3945,
71.3655

 20.8946, 20.4184,
15.6495


 105.2473,
106.0857, 94.7914

 13.1590, 12.6995,
9.1248


133.8102,
135.3246, 122.8533

 7.6159, 7.2220,
4.7248

167.1231,
169.4955, 155.9695

 3.8999, 3.6013,
2.0308

205.5514,
208.9829, 194.5587

 1.6457, 1.4531,
0.5741

249.4603,

 0.4219, 0.2554,

254.1711, 239.0395

0.0000

299.2152,
305.4445, 289.8302

■ 0.0000, 0.0000,
0.0000

■ 44.4047, 44.1175,
36.7470

■ 44.4047, 44.1175,
36.7470

■ 40.6646, 39.0843,
27.9555

■ 48.6370, 49.6901,
47.0728

■ 37.3936, 34.5678,
20.6214

■ 53.3762, 55.8122,
58.9994

■ 34.5722, 30.5521,
14.6649

■ 58.6406, 62.5011,
72.5926

■ 32.1778, 27.0183,
9.9979

■ 64.4468, 69.7715,
87.9136

■ 30.1856, 23.9461,
6.5213

■ 70.8103, 77.6374,
105.0207

■ 28.5674, 21.3132,
4.1216

■ 74.5336, 84.8275,
107.0528

■ 27.2908, 19.0951,
2.6628

■ 77.6296, 91.0194,
108.0847

■ 26.5637, 17.7678,
2.0295

Harmonies

Analogous

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



46.3273, 44.1175, 41.2002



44.4047, 44.1175, 36.7470



41.8834, 44.1175, 35.2427

Triad

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



44.4047, 44.1175, 36.7470



37.1880, 44.1175, 48.1770



44.4930, 44.1175, 61.2642

Complementary

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



44.4047, 44.1175, 36.7470



40.4794, 44.4950, 61.0988

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.



41.9814, 44.1175, 63.6029



44.4047, 44.1175, 36.7470



37.8246, 44.1175, 55.5900

Square

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



44.4047, 44.1175, 36.7470



37.7788, 44.1175, 41.4200



39.5535, 44.1175, 61.4294



46.3797, 44.1175, 55.3224

Rectangle

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



44.4047, 44.1175, 36.7470



40.2221, 44.1175, 35.9803



39.5535, 44.1175, 61.4294



43.6905, 44.1175, 62.5234

Sweetspot

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



44.4059, 44.1195, 36.7479



88.9397, 92.1666, 93.3380



43.8569, 38.7837, 49.6299



18.9285, 19.5878, 19.7054



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.



44.4059, 44.1195, 36.7479



73.2798, 71.5638, 55.0788



49.0856, 53.4790, 38.3078



10.9687, 11.3065, 11.1670



16.9716, 11.4603, 1.3176



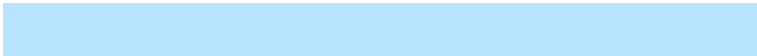
0.8738, 0.6830, 0.0858

Inverse Universe

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



40.4794, 44.4950, 61.0988



65.2056, 72.3292, 105.1320



36.2136, 35.9633, 59.6769



10.5848, 11.3436, 13.5492



11.1215, 11.6370, 36.4044



0.5956, 0.6890, 1.7467

Previews

White Background



This preview shows how the XYZ color 44.4047, 44.1175, 36.7470 looks on a white background.

Color Contrast Check

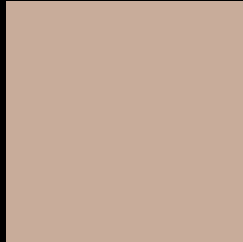
Large Text (above 18pt) WCAG AA × Fail

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 44.4047, 44.1175, 36.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

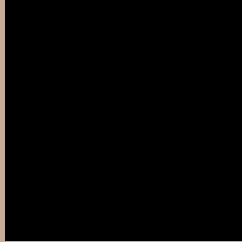
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4047, 44.1175, 36.7470

Background



This preview shows how black text looks on a background with the XYZ color 44.4047, 44.1175, 36.7470.



This preview shows how white text looks on a background with the XYZ color 44.4047, 44.1175,

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

44.4047, 44.1175, 36.7470

Protanopia

41.8155, 44.1929, 38.2245

Deuteranopia

45.0242, 44.1554, 36.7217



Tritanopia

46.9717, 44.0380, 49.7406

Trichromacy



Original Color

44.4047, 44.1175, 36.7470

Protanomaly

42.5659, 44.0074, 37.7033

Deuteranomaly

44.7528, 44.0155, 36.7090

Tritanomaly

45.8958, 43.8728, 44.5774

Monochromacy



Original Color

44.4047, 44.1175, 36.7470

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9365, 44.3543, 43.8344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4047, 44.1175, 36.7470 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(200, 172, 154) looks like.

```
.text, #text, p{  
    color:rgb(200, 172, 154)  
}
```

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(200, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 172, 154) }
```

Border

The CSS property to change the border of an element to XYZ 44.4047, 44.1175, 36.7470 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(200, 172, 154) }
```


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

```
.border{ border-color:rgb(200, 172, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 172, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(200, 172,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4047, 44.1175, 36.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 172, 154) }
```

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

```
.background{ background-color: rgb(200,  
172, 154) }
```

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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