

Converting Colors

XYZ(40.2413, 44.6412, 23.8410)

Have a look what the booklet for
XYZ(40.2413, 44.6412, 23.8410)
contains.

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Color

**XYZ(40.1445, 44.5392,
23.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB477
RGB	187, 180, 119
RGB Percent	73%, 71%, 47%
CMY	0.2667, 0.2941, 0.5333
CMYK	0.00, 0.04, 0.36, 0.27
HSL	54°, 33%, 60%
HSV	54°, 36%, 73%
XYZ	40.1445, 44.5392, 23.9338
YIQ	175.1390, 23.7530, -17.4870

Conversions

Conversions Part 2

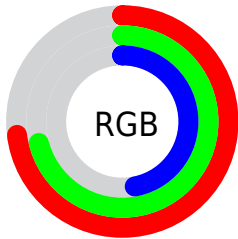
Format	Color
RYB	127, 187, 119
Decimal	12301431
CIELab	72.59, -6.70, 32.04
CIELCh	73, 32.728, 101.808
Yxy	44.5392, 0.3696, 0.4101
Android (android.graphics.Color)	4290491511 (0xFFBBB477)
YUV	175.1390, -27.6765, 10.4021
Hunter-Lab	66.7377, -9.4185, 25.4535

Details

The XYZ color **40.1445, 44.5392, 23.9338** is a light color, and the websafe version is hex **CCCC99**, and the color name is **misty moss**. A complement of this color would be **24.0380, 22.4308, 50.0763**, and the grayscale version is **40.9507, 43.0833, 46.9177**.

A 20% lighter version of the original color is **74.7501, 82.2026, 50.9567**, and **18.3364, 20.5950, 8.6390** is the 20% darker color. If you saturate the color by 10%, you get **38.7449, 43.3639, 18.4613**, and if you desaturate by 10%, it is **41.7727, 45.8178, 30.5737**.

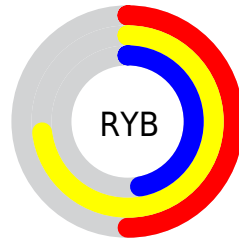
Distribution



Red (73%)

Green (71%)

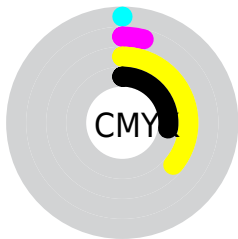
Blue (47%)



Red (50%)

Yellow (73%)

Blue (47%)

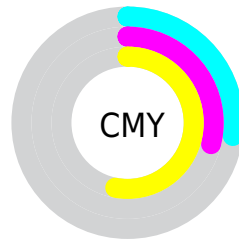


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1445, 44.5392, 23.9338 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 40.1445, 44.5392, 23.9338 by changing the saturation by 10% instead.

■ 40.1445, 44.5392,
23.9338

■ 40.1445, 44.5392,
23.9338

337.8562,
364.9041, 285.7614

■ 27.8359, 31.0946,
15.0728

■ 74.6664, 82.0285,
50.8646

■ 18.3418, 20.6709,
8.7233

■ 97.6105, 106.8420,
69.7715

■ 11.2969, 12.8837,
4.4668

■ 124.8305,
136.2140, 92.8641

■ 6.3356, 7.3485,
1.8848

156.6918,
170.5287, 120.5609

■ 3.0928, 3.6810,
0.4830

193.5596,
210.1708, 153.2805

■ 1.2030, 1.4968,
0.0000

235.7994,

■ 0.1088, 0.2864,

255.5244, 191.4414

0.0000

283.7765,
306.9740, 235.4622

■ 0.0000, 0.0000,
0.0000

■ 40.1445, 44.5392,
23.9338

■ 40.1445, 44.5392,
23.9338

■ 38.7449, 43.3639,
18.4613

■ 41.7727, 45.8178,
30.5737

■ 37.5576, 42.2804,
14.0849

■ 43.6381, 47.1983,
38.4413

■ 36.5692, 41.2851,
10.7297

■ 45.7531, 48.6874,
47.5960

■ 35.7636, 40.3714,
8.3103

■ 48.1279, 50.2891,
58.0924

■ 35.1217, 39.5318,
6.7276

■ 50.7725, 52.0075,
69.9821

■ 34.6190, 38.7562,
5.8514

■ 53.6961, 53.8463,
83.3140

■ 34.4524, 38.4827,
5.6121

■ 56.9075, 55.8090,
98.1345

■ 58.1470, 56.9919,
102.5436

■ 58.5820, 57.8618,
102.6886

Harmonies

Analogous

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



45.8232, 44.5392, 24.4993



40.1445, 44.5392, 23.9338



35.4834, 44.5392, 28.7727

Triad

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



40.1445, 44.5392, 23.9338



34.7269, 44.5392, 72.3876



53.5391, 44.5392, 58.8937

Complementary

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



40.1445, 44.5392, 23.9338



24.0380, 22.4308, 50.0763

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.



50.0122, 44.5392, 75.6411



40.1445, 44.5392, 23.9338



39.0250, 44.5392, 84.5495

Square

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



40.1445, 44.5392, 23.9338



32.5473, 44.5392, 55.1589



44.6000, 44.5392, 85.8577



53.9068, 44.5392, 42.3918

Rectangle

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



40.1445, 44.5392, 23.9338



33.4458, 44.5392, 35.2087



44.6000, 44.5392, 85.8577



52.6700, 44.5392, 64.7642

Sweetspot

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



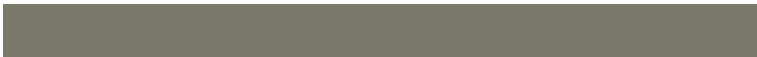
40.1456, 44.5412, 23.9347



80.0628, 85.8902, 77.0553



30.9170, 25.2895, 23.3083



17.5184, 18.8349, 16.4813



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.1456, 44.5412, 23.9347



69.7794, 78.0010, 34.5440



35.7848, 44.4427, 24.1456



10.2361, 10.9482, 10.1504



23.7689, 26.5766, 3.8770



0.9555, 1.0899, 0.1600

Inverse Universe

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



24.0380, 22.4308, 50.0763



36.5383, 32.3826, 88.5261



27.2556, 22.8078, 49.9794



9.0934, 9.3791, 12.0033



6.3694, 2.8505, 32.6074



0.2762, 0.1652, 1.2862

Previews

White Background



This preview shows how the XYZ color 40.1445, 44.5392, 23.9338 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 40.1445, 44.5392, 23.9338 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

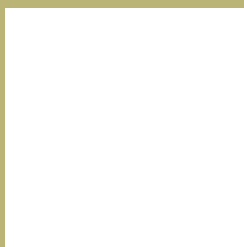
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1445, 44.5392, 23.9338

Background



This preview shows how black text looks on a background with the XYZ color 40.1445, 44.5392, 23.9338.



This preview shows how white text looks on a background with the XYZ color 40.1445, 44.5392,

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

40.1445, 44.5392, 23.9338

Protanopia

41.1827, 44.4863, 23.5557

Deuteranopia

45.2665, 44.2761, 24.2495



Tritanopia

46.0152, 44.6099, 52.0843

Trichromacy



Original Color

40.1445, 44.5392, 23.9338

Protanomaly

40.8760, 44.6246, 23.5985

Deuteranomaly

43.4281, 44.4655, 24.0631

Tritanomaly

43.5012, 44.4396, 40.0032

Monochromacy



Original Color

40.1445, 44.5392, 23.9338

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2289, 43.3945, 37.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1445, 44.5392, 23.9338 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(187, 180, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 180, 119)  
}
```

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(187, 180, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 119) }
```

Border

The CSS property to change the border of an element to XYZ 40.1445, 44.5392, 23.9338 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(187, 180, 119) }
```


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

```
.border{ border-color:rgb(187, 180, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 180, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1445, 44.5392, 23.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 180, 119) }
```

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

```
.background{ background-color: rgb(187,  
180, 119) }
```

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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