

Converting Colors

XYZ(40.1709, 44.0287, 43.6046)

Have a look what the booklet for
XYZ(40.1709, 44.0287, 43.6046)
contains.

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Color

**XYZ(40.1837, 44.1276,
43.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB4A8
RGB	171, 180, 168
RGB Percent	67%, 71%, 66%
CMY	0.3294, 0.2941, 0.3412
CMYK	0.05, 0.00, 0.07, 0.29
HSL	105°, 7%, 68%
HSV	105°, 7%, 71%
XYZ	40.1837, 44.1276, 43.4454
YIQ	175.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

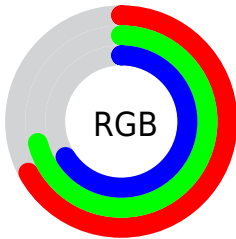
Format	Color
RYB	168, 180, 177
Decimal	11252904
CIELab	72.31, -5.40, 5.03
CIELCh	72, 7.373, 137.033
Yxy	44.1276, 0.3145, 0.3454
Android (android.graphics.Color)	4289442984 (0xFFABB4A8)
YUV	175.9410, -3.9149, -4.3333
Hunter-Lab	66.4286, -8.2726, 7.7234

Details

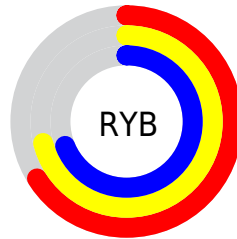
The XYZ color **40.1837, 44.1276, 43.4454** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3741, 40.6489, 48.9004**, and the grayscale version is **41.2574, 43.4060, 47.2692**.

A 20% lighter version of the original color is **74.6788, 81.4874, 81.6047**, and **18.3495, 20.3616, 19.4861** is the 20% darker color. If you saturate the color by 10%, you get **35.8293, 42.0647, 35.0855**, and if you desaturate by 10%, it is **45.0732, 46.4421, 53.0440**.

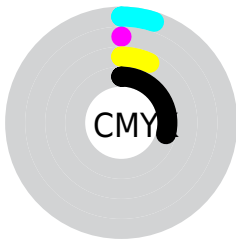
Distribution



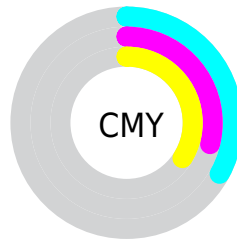
- Red (67%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1837, 44.1276, 43.4454 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 40.1837, 44.1276, 43.4454 by changing the saturation by 10% instead.

■ 40.1837, 44.1276,
43.4454

■ 40.1837, 44.1276,
43.4454

338.0184,
363.2287, 376.4152

■ 27.8667, 30.7708,
29.9008

■ 74.7257, 81.4097,
81.6761

■ 18.3651, 20.4244,
19.5119

■ 97.6814, 106.1039,
107.1993

■ 11.3137, 12.7039,
11.8602

124.9140,
135.3459, 137.5523

■ 6.3471, 7.2250,
6.5272

156.7889,
169.5203, 173.1538

■ 3.0999, 3.6032,
3.0943

193.6714,
209.0113, 214.4223

■ 1.2068, 1.4542,
1.1430

235.9270,

■ 0.1117, 0.2561,

254.2035, 261.7763

0.0000

283.9208,
305.4812, 315.6345

0.0000, 0.0000,
0.0000

40.1837, 44.1276,
43.4454

40.1837, 44.1276,
43.4454

35.8293, 42.0647,
35.0855

45.0732, 46.4421,
53.0440

31.9880, 40.2392,
27.9110

50.5116, 49.0105,
63.9259

28.6413, 38.6442,
21.8691

56.5170, 51.8423,
76.1370

25.7684, 37.2701,
16.9020

63.1052, 54.9449,
89.7200

23.3471, 36.1069,
12.9464

69.8043, 58.1302,
102.1489

■ 21.3529, 35.1435,
9.9328

■ 74.5223, 60.5624,
102.3697

■ 19.7592, 34.3679,
7.7826

■ 75.6121, 61.1243,
102.4207

■ 18.5358, 33.7664,
6.4047

■ 17.6449, 33.3224,
5.6741

Harmonies

Analogous

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



41.2321, 44.1276, 41.6779



40.1837, 44.1276, 43.4454



39.6115, 44.1276, 46.4982

Triad

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



40.1837, 44.1276, 43.4454



41.3975, 44.1276, 55.1754



44.3157, 44.1276, 46.0317

Complementary

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



40.1837, 44.1276, 43.4454



40.3741, 40.6489, 48.9004

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.



44.3621, 44.1276, 49.6307



40.1837, 44.1276, 43.4454



42.6599, 44.1276, 55.0350

Square

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



40.1837, 44.1276, 43.4454



40.3027, 44.1276, 53.3382



43.7508, 44.1276, 52.9635



43.6251, 44.1276, 43.1187

Rectangle

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



40.1837, 44.1276, 43.4454



39.5693, 44.1276, 48.9072



43.7508, 44.1276, 52.9635



44.4076, 44.1276, 47.1978

Sweetspot

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



40.1849, 44.1295, 43.4464



76.8449, 81.8982, 86.5530



41.6143, 43.9767, 43.3415



16.6297, 17.7109, 18.7479



86.6293, 91.1408, 99.2523



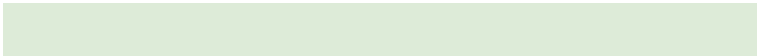
17.0014, 17.8868, 19.4787

Same Dimension

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



40.1849, 44.1295, 43.4464



71.6403, 79.4343, 76.4084



39.8218, 43.9096, 44.9057



8.5814, 9.5893, 9.0512



12.1992, 23.1990, 3.8349



0.4382, 0.7580, 0.1232

Inverse Universe

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



40.3741, 40.6489, 48.9004



72.0548, 71.8089, 88.3574



40.7625, 40.8841, 47.3399



8.6385, 8.5377, 10.6990



12.7893, 5.9289, 30.6073



0.4520, 0.2121, 0.9654

Previews

White Background



This preview shows how the XYZ color 40.1837, 44.1276, 43.4454 looks on a white background.

Color Contrast Check

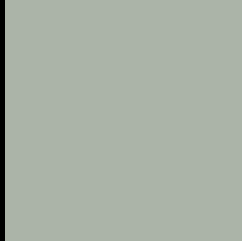
Large Text (above 18pt) WCAG AA × Fail

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 40.1837, 44.1276, 43.4454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

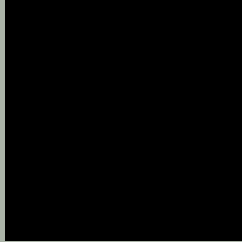
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

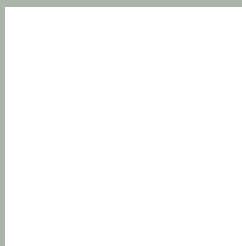
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1837, 44.1276, 43.4454

Background



This preview shows how black text looks on a background with the XYZ color 40.1837, 44.1276, 43.4454.



This preview shows how white text looks on a background with the XYZ color 40.1837, 44.1276,

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

40.1837, 44.1276, 43.4454

Protanopia

41.9367, 43.8711, 42.3341

Deuteranopia

44.8446, 43.8984, 44.1399



Tritanopia

42.8053, 44.3198, 55.5887

Trichromacy



Original Color

40.1837, 44.1276, 43.4454

Protanomaly

41.2876, 43.8180, 42.8408

Deuteranomaly

43.0365, 43.8280, 43.7275

Tritanomaly

41.9232, 44.2584, 51.1329

Monochromacy



Original Color

40.1837, 44.1276, 43.4454

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7205, 43.4601, 45.7776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1837, 44.1276, 43.4454 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(171, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 180, 168)  
}
```

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(171, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 180, 168) }
```

Border

The CSS property to change the border of an element to XYZ 40.1837, 44.1276, 43.4454 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(171, 180, 168) }
```


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

```
.border{ border-color:rgb(171, 180, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 180, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 180, 168);  
box-shadow:4px 4px 4px 4px rgb(171, 180,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1837, 44.1276, 43.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 180, 168) }
```

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

```
.background{ background-color: rgb(171,  
180, 168) }
```

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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