

Converting Colors

XYZ(40.5129, 44.7309, 43.7137)

Have a look what the booklet for
XYZ(40.5129, 44.7309, 43.7137)
contains.

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Color

**XYZ(40.3863, 44.5328,
43.5129)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB5A8
RGB	171, 181, 168
RGB Percent	67%, 71%, 66%
CMY	0.3294, 0.2902, 0.3412
CMYK	0.06, 0.00, 0.07, 0.29
HSL	106°, 8%, 68%
HSV	106°, 7%, 71%
XYZ	40.3863, 44.5328, 43.5129
YIQ	176.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

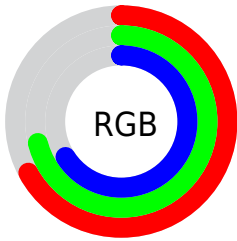
Format	Color
RYB	168, 181, 178
Decimal	11253160
CIELab	72.58, -5.93, 5.41
CIELCh	73, 8.028, 137.593
Yxy	44.5328, 0.3145, 0.3467
Android (android.graphics.Color)	4289443240 (0xFFABB5A8)
YUV	176.5280, -4.2043, -4.8481
Hunter-Lab	66.7329, -8.7556, 8.0532

Details

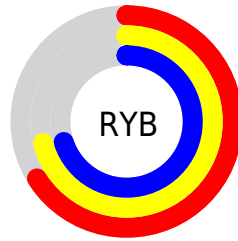
The XYZ color **40.3863, 44.5328, 43.5129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7050, 40.8077, 49.4496**, and the grayscale version is **41.5655, 43.7302, 47.6222**.

A 20% lighter version of the original color is **74.9675, 82.0648, 81.7009**, and **18.4793, 20.6212, 19.5293** is the 20% darker color. If you saturate the color by 10%, you get **35.9412, 42.4240, 35.1067**, and if you desaturate by 10%, it is **45.3882, 46.9041, 53.1723**.

Distribution



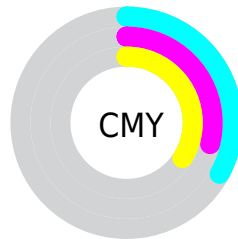
- Red (67%)
- Green (71%)
- Blue (66%)



- Red (66%)
- Yellow (71%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3863, 44.5328, 43.5129 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 40.3863, 44.5328, 43.5129 by changing the saturation by 10% instead.

■ 40.3863, 44.5328,
43.5129

■ 40.3863, 44.5328,
43.5129

338.8557,
364.8781, 376.6998

■ 28.0254, 31.0896,
29.9534

■ 75.0320, 82.0189,
81.7789

■ 18.4854, 20.6671,
19.5514

■ 98.0475, 106.8305,
107.3225

■ 11.4008, 12.8809,
11.8886

125.3453,
136.2005, 137.6978

■ 6.4064, 7.3466,
6.5462

157.2907,
170.5131, 173.3235

■ 3.1367, 3.6798,
3.1059

194.2491,
210.1528, 214.6179

■ 1.2265, 1.4961,
1.1489

236.5858,

■ 0.1271, 0.2860,

255.5039, 261.9998

0.0000

284.6662,
306.9509, 315.8876

■ 0.0000, 0.0000,
0.0000

■ 40.3863, 44.5328,
43.5129

■ 40.3863, 44.5328,
43.5129

■ 35.9412, 42.4240,
35.1067

■ 45.3882, 46.9041,
53.1723

■ 32.0298, 40.5631,
27.8996

■ 50.9618, 49.5406,
64.1303

■ 28.6326, 38.9424,
21.8378

■ 57.1258, 52.4523,
76.4336

■ 25.7275, 37.5519,
16.8622

■ 63.8972, 55.6470,
90.1256

■ 23.2910, 36.3808,
12.9086

■ 70.7228, 58.9045,
102.2499

■ 21.2972, 35.4174,
9.9059

■ 75.6497, 61.4444,
102.4805

■ 19.7179, 34.6488,
7.7739

■ 75.8147, 61.5295,
102.4882

■ 18.5208, 34.0604,
6.4192

■ 17.6648, 33.6340,
5.7074

Harmonies

Analogous

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



41.5253, 44.5328, 41.5594



40.3863, 44.5328, 43.5129



39.7729, 44.5328, 46.8643

Triad

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



40.3863, 44.5328, 43.5129



41.7561, 44.5328, 56.3458



44.9233, 44.5328, 46.2142

Complementary

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



40.3863, 44.5328, 43.5129



40.7050, 40.8077, 49.4496

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.



44.9884, 44.5328, 50.1501



40.3863, 44.5328, 43.5129



43.1391, 44.5328, 56.1482

Square

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



40.3863, 44.5328, 43.5129



40.5520, 44.5328, 54.3560



44.3291, 44.5328, 53.8300



44.1532, 44.5328, 43.0594

Rectangle

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



40.3863, 44.5328, 43.5129



39.7355, 44.5328, 49.5059



44.3291, 44.5328, 53.8300



45.0289, 44.5328, 47.4854

Sweetspot

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



40.3875, 44.5347, 43.5139



76.8158, 81.8832, 86.5516



42.0395, 44.4804, 43.4163



16.6237, 17.7078, 18.7476



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.



40.3875, 44.5347, 43.5139



70.6862, 78.9771, 74.7933



40.0689, 44.3327, 45.2080



8.5664, 9.5815, 9.0505



12.0944, 23.1450, 3.8300



0.4320, 0.7548, 0.1229

Inverse Universe

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



40.7050, 40.8077, 49.4496



71.4007, 70.5867, 88.1560



41.0494, 41.0258, 47.6313



8.6546, 8.5460, 10.6997



13.1811, 6.1309, 30.6257



0.4617, 0.2171, 0.9658

Previews

White Background



This preview shows how the XYZ color 40.3863, 44.5328, 43.5129 looks on a white background.

Color Contrast Check

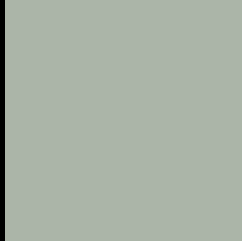
Large Text (above 18pt) WCAG AA × Fail

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 40.3863, 44.5328, 43.5129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

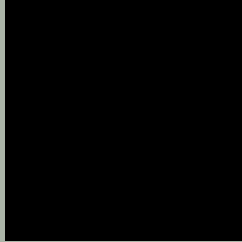
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

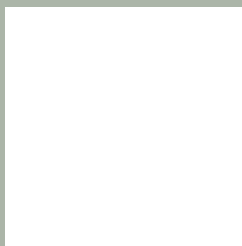
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3863, 44.5328, 43.5129

Background



This preview shows how black text looks on a background with the XYZ color 40.3863, 44.5328, 43.5129.



This preview shows how white text looks on a background with the XYZ color 40.3863, 44.5328,

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

40.3863, 44.5328, 43.5129

Protanopia

42.3722, 44.3878, 42.4108

Deuteranopia

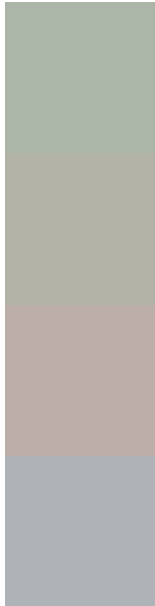
45.2969, 44.4131, 44.2154



Tritanopia

43.1140, 44.7605, 56.2365

Trichromacy



Original Color

40.3863, 44.5328, 43.5129

Protanomaly

41.4859, 44.2145, 42.9069

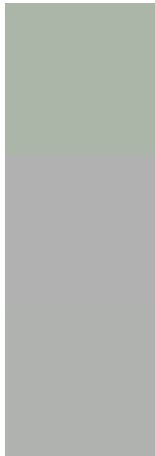
Deuteranomaly

43.2304, 44.2159, 43.7921

Tritanomaly

42.1229, 44.6578, 51.1994

Monochromacy



Original Color

40.3863, 44.5328, 43.5129

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2396, 44.0107, 46.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3863, 44.5328, 43.5129 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, 181, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 181, 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, 181, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 181, 168) }
```

Border

The CSS property to change the border of an element to XYZ 40.3863, 44.5328, 43.5129 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, 181, 168) }
```


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

```
.border{ border-color:rgb(171, 181, 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, 181, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(171, 181,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3863, 44.5328, 43.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 181, 168) }
```

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

```
.background{ background-color: rgb(171,  
181, 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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