

Converting Colors

XYZ(40.5053, 43.9049, 40.7251)

Have a look what the booklet for
XYZ(40.5053, 43.9049, 40.7251)
contains.

XYZ(40.5462, 44.0789, 40.5535)	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(40.5462, 44.0789,
40.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B3A2
RGB	176, 179, 162
RGB Percent	69%, 70%, 64%
CMY	0.3098, 0.2980, 0.3647
CMYK	0.02, 0.00, 0.09, 0.30
HSL	71°, 10%, 67%
HSV	71°, 9%, 70%
XYZ	40.5462, 44.0789, 40.5535
YIQ	176.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

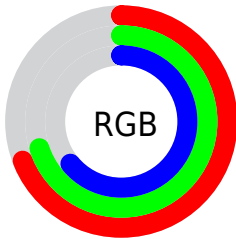
Format	Color
RYB	162, 179, 165
Decimal	11580322
CIELab	72.28, -4.13, 8.31
CIELCh	72, 9.281, 116.424
Yxy	44.0789, 0.3239, 0.3521
Android (android.graphics.Color)	4289770402 (0xFFB0B3A2)
YUV	176.1650, -6.9833, -0.1447
Hunter-Lab	66.3919, -7.1742, 10.2589




Details

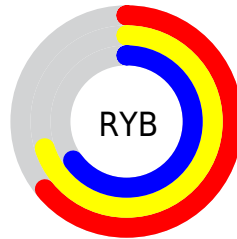
The XYZ color **40.5462, 44.0789, 40.5535** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5757, 37.0958, 47.8825**, and the grayscale version is **41.3878, 43.5432, 47.4186**.




A 20% lighter version of the original color is **75.5114, 81.5822, 77.4127**, and **18.4437, 20.2585, 17.6900** is the 20% darker color. If you saturate the color by 10%, you get **38.3608, 43.1245, 32.7281**, and if you desaturate by 10%, it is **42.9772, 45.1363, 49.5746**.

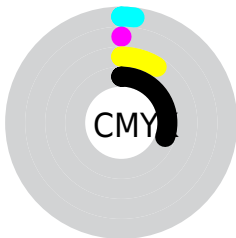
Distribution







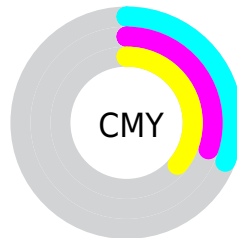
-  Red (69%)
-  Green (70%)
-  Blue (64%)






-  Red (64%)
-  Yellow (70%)
-  Blue (65%)



-  Cyan (2%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (30%)



-  Cyan (31%)
-  Magenta (30%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5462, 44.0789, 40.5535 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 40.5462, 44.0789, 40.5535 by changing the saturation by 10% instead.

■ 40.5462, 44.0789,
40.5535

■ 40.5462, 44.0789,
40.5535

339.5155,
363.0301, 364.0722

■ 28.1508, 30.7325,
27.6533

■ 75.2736, 81.3365,
77.2519

■ 18.5804, 20.3953,
17.8277

■ 98.3363, 106.0164,
101.8872

■ 11.4697, 12.6827,
10.6582

125.6854,
135.2431, 131.2713

■ 6.4533, 7.2104,
5.7262

157.6864,
169.4008, 165.8227

■ 3.1659, 3.5940,
2.6133

194.7045,
208.8740, 205.9599

■ 1.2421, 1.4492,
0.8993

237.1051,

■ 0.1392, 0.2525,

254.0470, 252.1016

0.0000

285.2537,
305.3043, 304.6662

■ 0.0000, 0.0000,
0.0000

■ 40.5462, 44.0789,
40.5535

■ 40.5462, 44.0789,
40.5535

■ 38.3608, 43.1245,
32.7281

■ 42.9772, 45.1363,
49.5746

■ 36.4078, 42.2636,
26.0454

■ 45.6593, 46.2946,
59.8358

■ 34.6780, 41.4939,
20.4526

■ 48.6023, 47.5593,
71.3826

■ 33.1604, 40.8109,
15.8919

■ 51.8143, 48.9335,
84.2575

■ 31.8427, 40.2098,
12.2996

■ 55.3031, 50.4204,
98.5008

■ 30.7116, 39.6851,
9.6055

■ 56.6692, 51.0602,
101.4766

■ 29.7517, 39.2308,
7.7298

■ 57.4947, 51.4858,
101.5152

■ 28.9450, 38.8396,
6.5783

■ 58.3377, 51.9203,
101.5546

■ 28.2566, 38.4975,
5.9673

■ 59.1981, 52.3639,
101.5949

Harmonies

Analogous

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



42.0872, 44.0789, 39.7543



40.5462, 44.0789, 40.5535



39.3931, 44.0789, 43.3008

Triad

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



40.5462, 44.0789, 40.5535



40.2230, 44.0789, 55.6872



45.0304, 44.0789, 48.5441

Complementary

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



40.5462, 44.0789, 40.5535



36.5757, 37.0958, 47.8825

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.



44.5021, 44.0789, 53.0156



40.5462, 44.0789, 40.5535



41.7047, 44.0789, 57.3011

Square

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



40.5462, 44.0789, 40.5535



39.2099, 44.0789, 52.0084



43.2748, 44.0789, 56.2940



44.7014, 44.0789, 44.1924

Rectangle

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



40.5462, 44.0789, 40.5535



38.9858, 44.0789, 45.9629



43.2748, 44.0789, 56.2940



44.9468, 44.0789, 50.0850

Sweetspot

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



40.5474, 44.0808, 40.5545



75.3704, 80.1415, 82.7939



38.5385, 39.0438, 39.6881



16.6202, 17.7214, 18.0519



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.



40.5474, 44.0808, 40.5545



71.9247, 78.6422, 70.1158



38.7207, 43.1391, 40.4690



9.0469, 9.8293, 9.0729



19.9919, 27.2163, 4.1996



0.6676, 0.8762, 0.1339

Inverse Universe

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



36.5757, 37.0958, 47.8825



63.6438, 64.0784, 85.3951



38.3658, 38.0187, 47.9663



8.1773, 8.2999, 10.6774



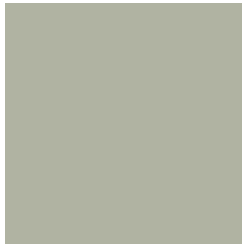
6.2024, 2.5332, 30.2991



0.2373, 0.1014, 0.9553

Previews

White Background



This preview shows how the XYZ color 40.5462, 44.0789, 40.5535 looks on a white background.

Color Contrast Check

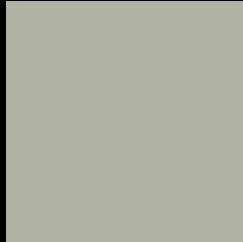
Large Text (above 18pt) WCAG AA × Fail

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 40.5462, 44.0789, 40.5535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

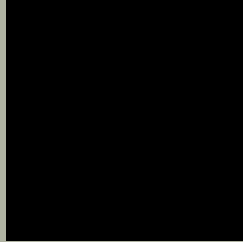
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

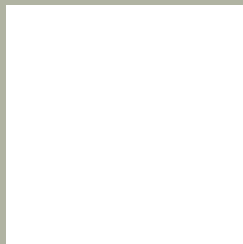
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5462, 44.0789, 40.5535

Background



This preview shows how black text looks on a background with the XYZ color 40.5462, 44.0789, 40.5535.



This preview shows how white text looks on a background with the XYZ color 40.5462, 44.0789,

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

40.5462, 44.0789, 40.5535

Protanopia

41.9223, 44.2078, 40.0416

Deuteranopia

44.8169, 43.9483, 41.2427



Tritanopia

43.3377, 44.0374, 54.3600

Trichromacy



Original Color

40.5462, 44.0789, 40.5535

Protanomaly

41.4095, 44.2378, 40.0744

Deuteranomaly

43.2328, 43.9928, 40.8632

Tritanomaly

42.2524, 43.8890, 48.8923

Monochromacy



Original Color

40.5462, 44.0789, 40.5535

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9773, 43.6147, 44.7868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5462, 44.0789, 40.5535 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(176, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 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(176, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.5462, 44.0789, 40.5535 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(176, 179, 162) }
```


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

```
.border{ border-color:rgb(176, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 179,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5462, 44.0789, 40.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 162) }
```

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

```
.background{ background-color: rgb(176,  
179, 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](#).

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