

Converting Colors

XYZ(43.5321, 48.4440, 52.9552)

Have a look what the booklet for
XYZ(43.5321, 48.4440, 52.9552)
contains.

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Color

**XYZ(43.5321, 48.4440,
52.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	AABDB9
RGB	170, 189, 185
RGB Percent	67%, 74%, 73%
CMY	0.3333, 0.2588, 0.2745
CMYK	0.10, 0.00, 0.02, 0.26
HSL	167°, 13%, 70%
HSV	167°, 10%, 74%
XYZ	43.5321, 48.4440, 52.9552
YIQ	182.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

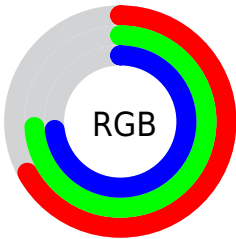
Format	Color
RYB	170, 181, 189
Decimal	11189689
CIELab	75.10, -7.28, -0.21
CIElCh	75, 7.279, 181.623
Yxy	48.4440, 0.3004, 0.3343
Android (android.graphics.Color)	4289379769 (0xFFAABDB9)
YUV	182.8630, 1.0535, -11.2809
Hunter-Lab	69.6017, -10.1610, 3.6115

Details

The XYZ color **43.5321, 48.4440, 52.9552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0027, 42.6255, 46.0076**, and the grayscale version is **44.9341, 47.2742, 51.4816**.

A 20% lighter version of the original color is **79.5809, 87.6632, 95.9454**, and **20.4402, 23.1258, 25.2162** is the 20% darker color. If you saturate the color by 10%, you get **39.3223, 46.3230, 50.5956**, and if you desaturate by 10%, it is **48.3438, 50.8766, 55.4064**.

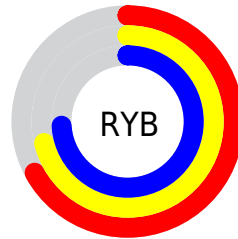
Distribution



Red (67%)

Green (74%)

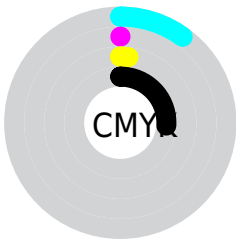
Blue (73%)



Red (67%)

Yellow (71%)

Blue (74%)

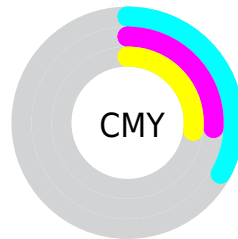


Cyan (10%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (33%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5321, 48.4440, 52.9552 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 43.5321, 48.4440, 52.9552 by changing the saturation by 10% instead.

■ 43.5321, 48.4440,
52.9552

■ 43.5321, 48.4440,
52.9552

351.6800,
380.5493, 415.1746

■ 30.4992, 34.1786,
37.3795

■ 79.7639, 87.8651,
95.9793

■ 20.3677, 23.0309,
25.2034

103.6935,
113.7896, 124.2649

■ 12.7724, 14.6163,
16.0083

131.9860,
144.3693, 157.6241

■ 7.3480, 8.5505,
9.3756

165.0068,
179.9886, 196.4756

■ 3.7289, 4.4492,
4.8868

203.1213,
221.0319, 241.2378

■ 1.5499, 1.9279,
2.1234

246.6947,

■ 0.3594, 0.5651,

267.8835, 292.3294

0.6297

296.0925,
320.9278, 350.1688

■ 0.0000, 0.0000,
0.0000

■ 43.5321, 48.4440,
52.9552

■ 43.5321, 48.4440,
52.9552

■ 39.3223, 46.3230,
50.5956

■ 48.3438, 50.8766,
55.4064

■ 35.6853, 44.4946,
48.3228

■ 53.7770, 53.6269,
57.9476

■ 32.5956, 42.9470,
46.1361

■ 59.8551, 56.7083,
60.5814

■ 30.0243, 41.6653,
44.0335

■ 66.5994, 60.1317,
63.3093

■ 27.9396, 40.6331,
42.0132

■ 70.4468, 62.0603,
65.9650

■ 26.3061, 39.8323,
40.0729

■ 70.9334, 62.2549,
68.5273

■ 25.0839, 39.2422,
38.2102

■ 71.4322, 62.4545,
71.1544

■ 24.2254, 38.8383,
36.4224

■ 71.9435, 62.6590,
73.8468

■ 23.6386, 38.5730,
34.7136

■ 72.4673, 62.8685,
76.6051

Harmonies

Analogous

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



43.8282, 48.4440, 49.3381



43.5321, 48.4440, 52.9552



43.8984, 48.4440, 56.6866

Triad

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



43.5321, 48.4440, 52.9552



47.4003, 48.4440, 59.2415



47.2723, 48.4440, 46.5546

Complementary

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



43.5321, 48.4440, 52.9552



43.0027, 42.6255, 46.0076

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.



48.2596, 48.4440, 48.9949



43.5321, 48.4440, 52.9552



48.3344, 48.4440, 56.3100

Square

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



43.5321, 48.4440, 52.9552



46.1171, 48.4440, 60.4226



48.6519, 48.4440, 52.5399



45.9721, 48.4440, 45.7511

Rectangle

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



43.5321, 48.4440, 52.9552



44.4731, 48.4440, 58.7076



48.6519, 48.4440, 52.5399



47.6527, 48.4440, 47.2046

Sweetspot

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



43.5335, 48.4460, 52.9563



83.8854, 89.7533, 97.8974



42.9364, 48.3116, 45.0930



17.8866, 19.2240, 20.9758



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.



43.5335, 48.4460, 52.9563



76.2637, 85.9043, 93.9229



42.8253, 46.3439, 54.8346



9.7202, 10.7742, 11.7758



15.9327, 25.9633, 23.5059



0.6461, 1.0258, 1.0365

Inverse Universe

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



43.0027, 42.6255, 46.0076



75.1278, 73.4468, 79.0518



43.6483, 44.5319, 44.3259



9.6102, 9.5684, 10.3363



14.3990, 7.3908, 2.1288



0.5884, 0.2993, 0.2118

Previews

White Background



This preview shows how the XYZ color 43.5321, 48.4440, 52.9552 looks on a white background.

Color Contrast Check

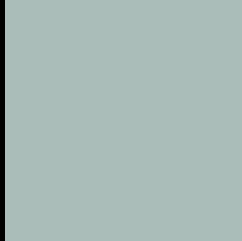
Large Text (above 18pt) WCAG AA × Fail

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 43.5321, 48.4440, 52.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

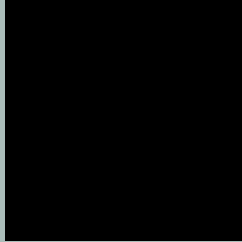
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

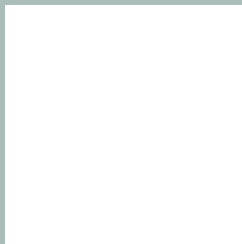
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5321, 48.4440, 52.9552

Background



This preview shows how black text looks on a background with the XYZ color 43.5321, 48.4440, 52.9552.

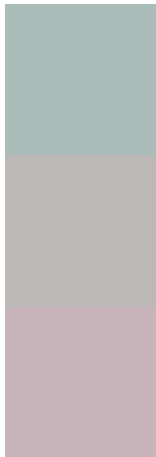


This preview shows how white text looks on a background with the XYZ color 43.5321, 48.4440,

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

43.5321, 48.4440, 52.9552

Protanopia

46.3230, 48.3497, 51.1469

Deuteranopia

49.1771, 48.2456, 53.7341



Tritanopia

45.5465, 48.6419, 62.2466

Trichromacy



Original Color

43.5321, 48.4440, 52.9552

Protanomaly

45.1622, 48.3605, 51.7539

Deuteranomaly

47.0316, 48.3593, 53.3098

Tritanomaly

44.8468, 48.6772, 58.6617

Monochromacy



Original Color

43.5321, 48.4440, 52.9552

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3608, 47.6236, 52.2016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5321, 48.4440, 52.9552 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(170, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 185)  
}
```

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(170, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.5321, 48.4440, 52.9552 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(170, 189, 185) }
```


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

```
.border{ border-color:rgb(170, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5321, 48.4440, 52.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 185) }
```

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

```
.background{ background-color: rgb(170,  
189, 185) }
```

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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