

Converting Colors

XYZ(35.2120, 43.8463, 38.7543)

Have a look what the booklet for
XYZ(35.2120, 43.8463, 38.7543)
contains.

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Color

**XYZ(35.2696, 43.8489,
38.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBB9E
RGB	143, 187, 158
RGB Percent	56%, 73%, 62%
CMY	0.4392, 0.2667, 0.3804
CMYK	0.24, 0.00, 0.16, 0.27
HSL	140°, 24%, 65%
HSV	140°, 24%, 73%
XYZ	35.2696, 43.8489, 38.9525
YIQ	170.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

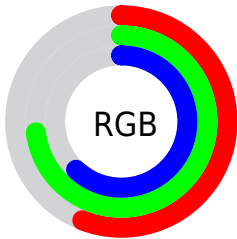
Format	Color
RYB	143, 176, 187
Decimal	9419678
CIELab	72.13, -20.56, 9.97
CIELCh	72, 22.847, 154.140
Yxy	43.8489, 0.2987, 0.3714
Android (android.graphics.Color)	4287609758 (0xFF8FBB9E)
YUV	170.5380, -6.1812, -24.1508
Hunter-Lab	66.2185, -20.8089, 11.4761

Details

The XYZ color **35.2696, 43.8489, 38.9525** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.7639, 33.1894, 43.4476**, and the grayscale version is **38.5141, 40.5198, 44.1261**.

A 20% lighter version of the original color is **67.0868, 80.7756, 75.0062**, and **15.5926, 20.3870, 17.0232** is the 20% darker color. If you saturate the color by 10%, you get **31.2900, 41.9151, 33.5034**, and if you desaturate by 10%, it is **39.8977, 46.1072, 44.9894**.

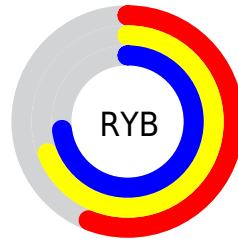
Distribution



Red (56%)

Green (73%)

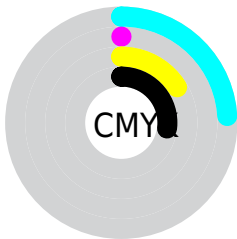
Blue (62%)



Red (56%)

Yellow (69%)

Blue (73%)

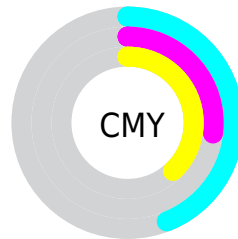


Cyan (24%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (44%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2696, 43.8489, 38.9525 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 35.2696, 43.8489, 38.9525 by changing the saturation by 10% instead.


 35.2696, 43.8489,
38.9525


 35.2696, 43.8489,
38.9525


317.2439,
362.0913, 357.1084

 24.0381, 30.5517,
26.4152


 67.2345, 80.9903,
74.7853

 15.4868, 20.2578,
16.9060


 88.6986, 105.6034,
98.9179

 9.2503, 12.5825,
10.0062

114.3043,
134.7572, 127.7527

 4.9632, 7.1417,
5.2974

144.4169,
168.8361, 161.7082

 2.2602, 3.5509,
2.3610

179.4018,
208.2246, 201.2030

 0.7742, 1.4257,
0.7651

219.6244,

 0.0000, 0.2355,

253.3071, 246.6556

0.0000

265.4500,
304.4678, 298.4846

■ 0.0000, 0.0000,
0.0000

■ 35.2696, 43.8489,
38.9525

■ 35.2696, 43.8489,
38.9525

■ 31.2900, 41.9151,
33.5034

■ 39.8977, 46.1072,
44.9894

■ 27.9255, 40.2852,
28.6213

■ 45.1985, 48.6984,
51.6280

■ 25.1450, 38.9448,
24.2889

■ 51.1995, 51.6376,
58.8855

■ 22.9131, 37.8761,
20.4863

■ 57.9255, 54.9373,
66.7775

■ 21.1905, 37.0592,
17.1929

■ 65.3999, 58.6092,
75.3191

■ 19.9323, 36.4713,
14.3864

■ 73.5703, 62.6259,
84.5211

■ 19.0848, 36.0854,
12.0427

■ 75.3830, 63.3510,
94.0667

■ 18.6894, 35.9096,
10.7591

■ 77.0611, 64.0223,
102.9037

Harmonies

Analogous

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



37.5975, 43.8489, 32.0446



35.2696, 43.8489, 38.9525



34.6174, 43.8489, 49.3156

Triad

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



35.2696, 43.8489, 38.9525



42.2223, 43.8489, 72.6078



48.2163, 43.8489, 36.6484

Complementary

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



35.2696, 43.8489, 38.9525



37.7639, 33.1894, 43.4476

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.



49.6366, 43.8489, 46.2061



35.2696, 43.8489, 38.9525



46.0415, 43.8489, 67.8804

Square

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



35.2696, 43.8489, 38.9525



38.4822, 43.8489, 69.8651



48.8170, 43.8489, 57.7678



45.0440, 43.8489, 30.8676

Rectangle

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



35.2696, 43.8489, 38.9525



35.1843, 43.8489, 57.1046



48.8170, 43.8489, 57.7678



48.9232, 43.8489, 39.4666

Sweetspot

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



35.2708, 43.8507, 38.9535



77.4033, 85.4814, 88.0754



39.8164, 46.3343, 32.8321



16.9177, 18.7620, 19.2363



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.



35.2708, 43.8507, 38.9535



59.5162, 76.7563, 64.8284



37.3038, 44.6639, 49.6589



9.5394, 10.7019, 10.8239



12.9073, 24.7532, 7.5746



0.5368, 0.9821, 0.4609

Inverse Universe

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



37.7639, 33.1894, 43.4476



64.7241, 54.4774, 74.2098



35.8492, 32.4235, 33.3648



9.7880, 9.6395, 11.2725



16.6294, 8.2829, 13.8738



0.6809, 0.3362, 0.6987

Previews

White Background



This preview shows how the XYZ color 35.2696, 43.8489, 38.9525 looks on a white background.

Color Contrast Check

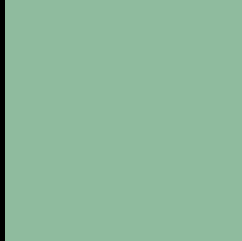
Large Text (above 18pt) WCAG AA × Fail

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 35.2696, 43.8489, 38.9525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

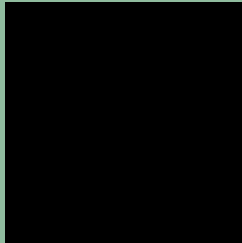
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

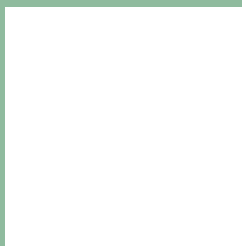
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2696, 43.8489, 38.9525

Background



This preview shows how black text looks on a background with the XYZ color 35.2696, 43.8489, 38.9525.



This preview shows how white text looks on a background with the XYZ color 35.2696, 43.8489,

38.9525.

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

35.2696, 43.8489, 38.9525

Protanopia

41.2004, 43.6320, 35.9561

Deuteranopia

44.4495, 43.5002, 40.2361



Tritanopia

39.2694, 43.9254, 58.6333

Trichromacy



Original Color

35.2696, 43.8489, 38.9525

Protanomaly

38.7316, 43.5217, 36.9310

Deuteranomaly

40.5488, 43.2076, 39.9210

Tritanomaly

37.6166, 43.8614, 50.7395

Monochromacy



Original Color

35.2696, 43.8489, 38.9525

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.3030, 41.7745, 42.1736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2696, 43.8489, 38.9525 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(143, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 187, 158)  
}
```

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(143, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 187, 158) }
```

Border

The CSS property to change the border of an element to XYZ 35.2696, 43.8489, 38.9525 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(143, 187, 158) }
```


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

```
.border{ border-color:rgb(143, 187, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 187, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 187, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 187, 158);  
box-shadow:4px 4px 4px 4px rgb(143, 187,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2696, 43.8489, 38.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 187, 158) }
```

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

```
.background{ background-color: rgb(143,  
187, 158) }
```

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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