

Converting Colors

XYZ(35.5962, 43.6252, 46.3871)

Have a look what the booklet for
XYZ(35.5962, 43.6252, 46.3871)
contains.

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Color

**XYZ(35.5154, 43.4922,
46.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	89BAAE
RGB	137, 186, 174
RGB Percent	54%, 73%, 68%
CMY	0.4627, 0.2706, 0.3176
CMYK	0.26, 0.00, 0.06, 0.27
HSL	165°, 26%, 63%
HSV	165°, 26%, 73%
XYZ	35.5154, 43.4922, 46.5674
YIQ	169.9810, -25.3520, -14.1200

Conversions

Conversions Part 2

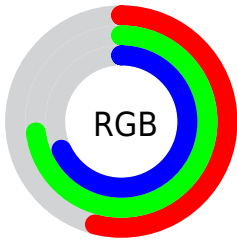
Format	Color
RYB	137, 165, 186
Decimal	9026222
CIELab	71.89, -18.69, 0.85
CIELCh	72, 18.713, 177.411
Yxy	43.4922, 0.2828, 0.3463
Android (android.graphics.Color)	4287216302 (0xFF89BAAE)
YUV	169.9810, 1.9814, -28.9243
Hunter-Lab	65.9486, -19.2822, 4.2984

Details

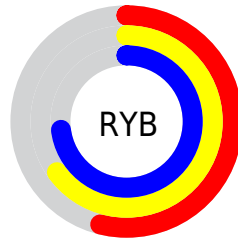
The XYZ color **35.5154, 43.4922, 46.5674** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6217, 30.5014, 32.4981**, and the grayscale version is **38.1995, 40.1888, 43.7656**.

A 20% lighter version of the original color is **67.3808, 80.2378, 86.0648**, and **15.6467, 20.1115, 21.4696** is the 20% darker color. If you saturate the color by 10%, you get **32.2889, 41.8805, 44.1377**, and if you desaturate by 10%, it is **39.2851, 45.3845, 49.1030**.

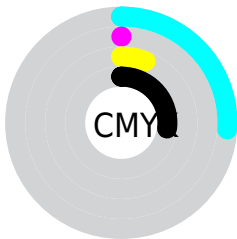
Distribution



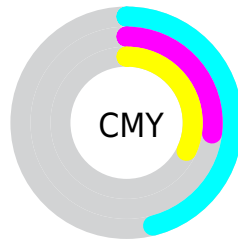
- Red (54%)
- Green (73%)
- Blue (68%)



- Red (54%)
- Yellow (65%)
- Blue (73%)



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)





- Cyan (46%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5154, 43.4922, 46.5674 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 35.5154, 43.4922, 46.5674 by changing the saturation by 10% instead.


 35.5154, 43.4922,
46.5674


 35.5154, 43.4922,
46.5674


318.3058,
360.6320, 389.4288

 24.2285, 30.2715,
32.3419


 67.6122, 80.4531,
86.4107

 15.6289, 20.0448,
21.3558


 89.1529, 104.9620,
112.8657

 9.3511, 12.4276,
13.1906


 114.8422,
134.0026, 144.2341

 5.0298, 7.0356,
7.4276

145.0455,
167.9590, 180.9347

 2.2997, 3.4844,
3.6485

180.1281,
207.2158, 223.3859

 0.7945, 1.3895,
1.4345

220.4555,

 0.0000, 0.2090,

252.1573, 272.0063

0.1684

266.3929,
303.1679, 327.2144

■ 0.0000, 0.0000,
0.0000

■ 35.5154, 43.4922,
46.5674

■ 35.5154, 43.4922,
46.5674

■ 32.2889, 41.8805,
44.1377

■ 39.2851, 45.3845,
49.1030

■ 29.5747, 40.5300,
41.8090

■ 43.6194, 47.5650,
51.7435

■ 27.3447, 39.4274,
39.5800

■ 48.5433, 50.0476,
54.4918

■ 25.5661, 38.5558,
37.4485

■ 54.0787, 52.8437,
57.3496

■ 24.2024, 37.8965,
35.4119

■ 60.2469, 55.9642,
60.3186

■ 23.2108, 37.4273,
33.4674

■ 67.0679, 59.4194,
63.4006

■ 22.5356, 37.1196,
31.6116

■ 69.9273, 60.8304,
66.3801

■ 22.3262, 37.0260,
30.9533

■ 70.4886, 61.0550,
69.3359

■ 71.0660, 61.2860,
72.3769

Harmonies

Analogous

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



36.3885, 43.4922, 38.5207



35.5154, 43.4922, 46.5674



36.1349, 43.4922, 55.9002

Triad

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



35.5154, 43.4922, 46.5674



44.2228, 43.4922, 64.6999



44.7261, 43.4922, 34.0585

Complementary

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



35.5154, 43.4922, 46.5674



34.6217, 30.5014, 32.4981

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.



47.0181, 43.4922, 39.7294



35.5154, 43.4922, 46.5674



46.7172, 43.4922, 57.4476

Square

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



35.5154, 43.4922, 46.5674



41.0619, 43.4922, 67.1329



47.7646, 43.4922, 48.1527



41.6154, 43.4922, 31.9026

Rectangle

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



35.5154, 43.4922, 46.5674



37.3294, 43.4922, 61.4819



47.7646, 43.4922, 48.1527



45.6238, 43.4922, 35.5780

Sweetspot

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



35.5166, 43.4940, 46.5684



77.5777, 85.4644, 92.9142



34.5157, 43.3389, 30.2136



16.8131, 18.6844, 20.2999



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.



35.5166, 43.4940, 46.5684



60.6423, 76.9655, 81.6574



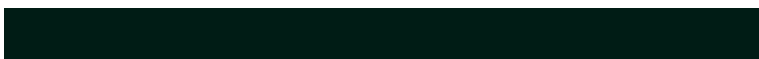
34.2686, 39.0407, 52.1860



9.1701, 10.1720, 11.0531



15.0505, 24.9212, 20.9858



0.5535, 0.8877, 0.8604

Inverse Universe

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



34.6217, 30.5014, 32.4981



58.7324, 49.1833, 51.5901



35.5535, 33.8206, 28.3217



9.0924, 9.0473, 9.8341



13.9748, 7.1637, 2.4884



0.5179, 0.2626, 0.2207

Previews

White Background



This preview shows how the XYZ color 35.5154, 43.4922, 46.5674 looks on a white background.

Color Contrast Check

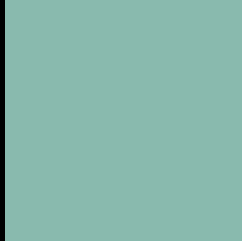
Large Text (above 18pt) WCAG AA × Fail

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 35.5154, 43.4922, 46.5674 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 35.5154, 43.4922, 46.5674

Background



This preview shows how black text looks on a background with the XYZ color 35.5154, 43.4922, 46.5674.

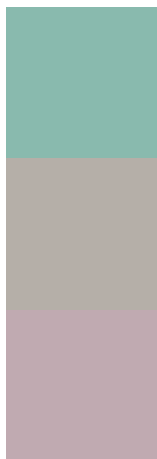


This preview shows how white text looks on a background with the XYZ color 35.5154, 43.4922,

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

35.5154, 43.4922, 46.5674

Protanopia

41.4539, 43.3109, 43.2208

Deuteranopia

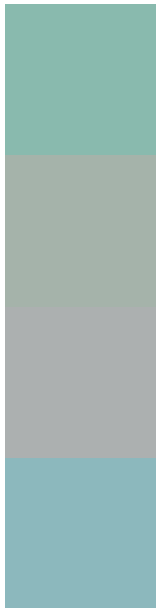
44.0488, 43.1302, 47.5983



Tritanopia

38.1669, 43.6490, 59.2368

Trichromacy



Original Color

35.5154, 43.4922, 46.5674

Protanomaly

38.8928, 43.1418, 44.3075

Deuteranomaly

40.3751, 42.9559, 47.2376

Tritanomaly

37.1410, 43.5306, 54.5888

Monochromacy



Original Color

35.5154, 43.4922, 46.5674

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.9766, 41.2600, 44.5432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5154, 43.4922, 46.5674 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(137, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(137, 186, 174)  
}
```

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(137, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 186, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.5154, 43.4922, 46.5674 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(137, 186, 174) }
```


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

```
.border{ border-color:rgb(137, 186, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 186, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 186, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 186, 174); box-shadow:4px 4px 4px 4px rgb(137, 186, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5154, 43.4922, 46.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 186, 174) }
```

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

```
.background{ background-color: rgb(137,  
186, 174) }
```

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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