

Converting Colors

XYZ(35.5953, 43.3562, 51.4106)

Have a look what the booklet for
XYZ(35.5953, 43.3562, 51.4106)
contains.

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Color

**XYZ(35.6219, 43.4422,
51.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	84BAB7
RGB	132, 186, 183
RGB Percent	52%, 73%, 72%
CMY	0.4823, 0.2706, 0.2823
CMYK	0.29, 0.00, 0.02, 0.27
HSL	177°, 28%, 62%
HSV	177°, 29%, 73%
XYZ	35.6219, 43.4422, 51.3075
YIQ	169.5120, -31.2210, -12.3810

Conversions

Conversions Part 2

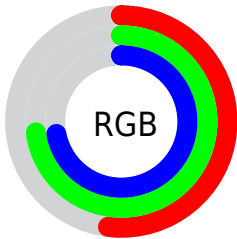
Format	Color
RYB	132, 160, 186
Decimal	8698551
CIELab	71.85, -18.19, -4.16
CIElCh	72, 18.659, 192.886
Yxy	43.4422, 0.2732, 0.3332
Android (android.graphics.Color)	4286888631 (0xFF84BAB7)
YUV	169.5120, 6.6496, -32.8980
Hunter-Lab	65.9107, -18.8721, -0.0162

Details

The XYZ color **35.6219, 43.4422, 51.3075** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.8757, 28.6922, 26.7288**, and the grayscale version is **37.9459, 39.9220, 43.4751**.

A 20% lighter version of the original color is **67.8256, 80.3011, 93.5862**, and **15.7251, 20.0922, 24.1685** is the 20% darker color. If you saturate the color by 10%, you get **32.8617, 42.0328, 50.6194**, and if you desaturate by 10%, it is **38.9040, 45.1228, 52.0260**.

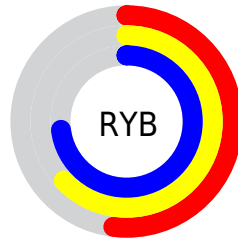
Distribution



Red (52%)

Green (73%)

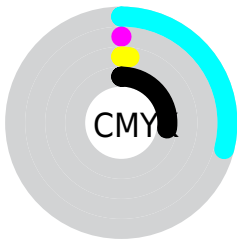
Blue (72%)



Red (52%)

Yellow (63%)

Blue (73%)

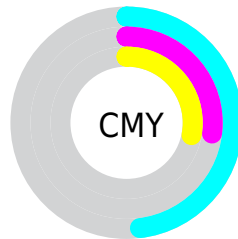


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (48%)


Magenta (27%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6219, 43.4422, 51.3075 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 35.6219, 43.4422, 51.3075 by changing the saturation by 10% instead.


 35.6219, 43.4422,
51.3075


 35.6219, 43.4422,
51.3075


318.7650,
360.4272, 408.6379


 24.3111, 30.2322,
36.0750


 67.7758, 80.3777,
93.5253

 15.6905, 20.0149,
24.2019


 89.3495, 104.8721,
121.3476

 9.3949, 12.4059,
15.2699

 115.0750,
133.8967, 154.2037

 5.0588, 7.0207,
8.8603

145.3175,
167.8359, 192.5119

 2.3169, 3.4751,
4.5546

180.4424,
207.0742, 236.6909

 0.8033, 1.3845,
1.9343

220.8150,

 0.0000, 0.2053,

251.9959, 287.1592

0.5144

266.8008,
302.9854, 344.3354

■ 0.0000, 0.0000,
0.0000

■ 35.6219, 43.4422,
51.3075

■ 35.6219, 43.4422,
51.3075

■ 32.8617, 42.0328,
50.6194

■ 38.9040, 45.1228,
52.0260

■ 30.5921, 40.8750,
49.9575

■ 42.7298, 47.0825,
52.7731

■ 28.7841, 39.9552,
49.3213

■ 47.1243, 49.3353,
53.5510

■ 27.4045, 39.2561,
48.7093

■ 52.1099, 51.8927,
54.3607

■ 26.4153, 38.7582,
48.1196

■ 57.7080, 54.7658,
55.2033

■ 25.7719, 38.4384,
47.5501

■ 63.9385, 57.9648,
56.0796

■ 25.3952, 38.2561,
46.9973

■ 68.1201, 60.1074,
56.8642

■ 25.3628, 38.2405,
46.9442

■ 68.2337, 60.1529,
57.4626

■ 68.3482, 60.1987,
58.0652

Harmonies

Analogous

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



35.7276, 43.4422, 42.3415



35.6219, 43.4422, 51.3075



36.9779, 43.4422, 60.2222

Triad

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



35.6219, 43.4422, 51.3075



45.5851, 43.4422, 61.2997



43.1128, 43.4422, 32.4847

Complementary

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



35.6219, 43.4422, 51.3075



32.8757, 28.6922, 26.7288

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.



45.9260, 43.4422, 36.3746



35.6219, 43.4422, 51.3075



47.4028, 43.4422, 52.6338

Square

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



35.6219, 43.4422, 51.3075



42.6667, 43.4422, 66.4690



47.5307, 43.4422, 43.5090



39.9443, 43.4422, 32.2256

Rectangle

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



35.6219, 43.4422, 51.3075



38.5708, 43.4422, 64.6285



47.5307, 43.4422, 43.5090



44.1352, 43.4422, 33.3858

Sweetspot

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



35.6232, 43.4440, 51.3085



77.3603, 85.2919, 95.6345



31.8136, 41.9863, 28.2582



16.7988, 18.6612, 21.0159



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.



35.6232, 43.4440, 51.3085



61.1862, 77.0137, 92.1726



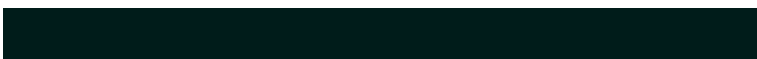
31.4063, 34.5047, 51.4611



9.2445, 10.2018, 11.4451



17.0719, 25.7297, 31.6303



0.6084, 0.9097, 1.1498

Inverse Universe

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



32.8757, 28.6922, 26.7288



55.3764, 45.8072, 40.1875



36.2041, 35.6826, 26.8101



9.0243, 9.0201, 9.4754



13.6708, 7.0421, 0.8870



0.4888, 0.2510, 0.0675

Previews

White Background



This preview shows how the XYZ color 35.6219, 43.4422, 51.3075 looks on a white background.

Color Contrast Check

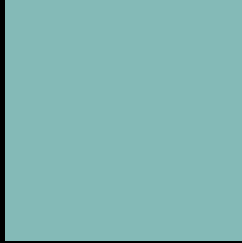
Large Text (above 18pt) WCAG AA × Fail

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 35.6219, 43.4422, 51.3075 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 35.6219, 43.4422, 51.3075

Background



This preview shows how black text looks on a background with the XYZ color 35.6219, 43.4422, 51.3075.

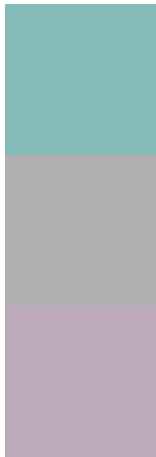


This preview shows how white text looks on a background with the XYZ color 35.6219, 43.4422,

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

35.6219, 43.4422, 51.3075

Protanopia

41.5265, 43.2595, 47.2355

Deuteranopia

43.9767, 42.9860, 52.4337



Tritanopia

37.3252, 43.5091, 59.8569

Trichromacy



Original Color

35.6219, 43.4422, 51.3075

Protanomaly

38.9547, 43.0719, 48.9084

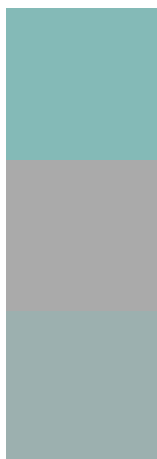
Deuteranomaly

40.4307, 42.8783, 52.0443

Tritanomaly

36.8061, 43.6165, 56.9310

Monochromacy



Original Color

35.6219, 43.4422, 51.3075

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.9735, 41.2137, 46.5638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6219, 43.4422, 51.3075 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(132, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(132, 186, 183)  
}
```

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(132, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 186, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.6219, 43.4422, 51.3075 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(132, 186, 183) }
```


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

```
.border{ border-color:rgb(132, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(132, 186,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6219, 43.4422, 51.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 186, 183) }
```

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

```
.background{ background-color: rgb(132,  
186, 183) }
```

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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