

Converting Colors

XYZ(35.4362, 43.4687, 47.5640)

Have a look what the booklet for
XYZ(35.4362, 43.4687, 47.5640)
contains.

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Color

**XYZ(35.3871, 43.4033,
47.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	87BAB0
RGB	135, 186, 176
RGB Percent	53%, 73%, 69%
CMY	0.4706, 0.2706, 0.3098
CMYK	0.27, 0.00, 0.05, 0.27
HSL	168°, 27%, 63%
HSV	168°, 27%, 73%
XYZ	35.3871, 43.4033, 47.5869
YIQ	169.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

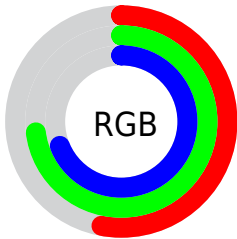
Format	Color
RYB	135, 163, 186
Decimal	8895152
CIELab	71.83, -18.87, -0.35
CIElCh	72, 18.873, 181.061
Yxy	43.4033, 0.2800, 0.3434
Android (android.graphics.Color)	4287085232 (0xFF87BAB0)
YUV	169.6110, 3.1498, -30.3538
Hunter-Lab	65.8812, -19.4134, 3.2908

Details

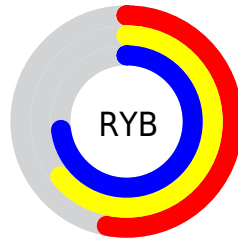
The XYZ color **35.3871, 43.4033, 47.5869** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.0261, 29.8127, 30.7510**, and the grayscale version is **38.0105, 39.9900, 43.5491**.

A 20% lighter version of the original color is **67.3039, 80.1493, 88.2670**, and **15.5929, 20.0693, 22.1207** is the 20% darker color. If you saturate the color by 10%, you get **32.2961, 41.8521, 45.5841**, and if you desaturate by 10%, it is **39.0131, 45.2314, 49.6672**.

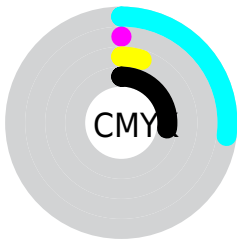
Distribution



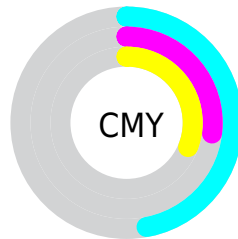
- Red (53%)
- Green (73%)
- Blue (69%)



- Red (53%)
- Yellow (64%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)





- Cyan (47%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3871, 43.4033, 47.5869 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 35.3871, 43.4033, 47.5869 by changing the saturation by 10% instead.


 35.3871, 43.4033,
47.5869


 35.3871, 43.4033,
47.5869


317.7518,
360.2677, 393.6137


 24.1291, 30.2017,
33.1422


 67.4151, 80.3191,
87.9482

 15.5547, 19.9917,
21.9634


 88.9158, 104.8021,
114.7018

 9.2984, 12.3890,
13.6319


 114.5615,
133.8143, 146.3955

 4.9950, 7.0092,
7.7293

144.7175,
167.7401, 183.4478

 2.2791, 3.4679,
3.8370

179.7492,
206.9640, 226.2772

 0.7839, 1.3806,
1.5363

220.0219,

 0.0000, 0.2024,

251.8703, 275.3023

0.2448

265.9010,
302.8434, 330.9416

■ 0.0000, 0.0000,
0.0000

■ 35.3871, 43.4033,
47.5869

■ 35.3871, 43.4033,
47.5869

■ 32.2961, 41.8521,
45.5841

■ 39.0131, 45.2314,
49.6672

■ 29.7091, 40.5585,
43.6542

■ 43.1958, 47.3443,
51.8237

■ 27.5977, 39.5090,
41.7964

■ 47.9599, 49.7557,
54.0589

■ 25.9289, 38.6865,
40.0088

■ 53.3278, 52.4773,
56.3740

■ 24.6656, 38.0720,
38.2892

■ 59.3206, 55.5199,
58.7706

■ 23.7645, 37.6432,
36.6352

■ 65.9583, 58.8937,
61.2499

■ 23.1624, 37.3674,
35.0434

■ 69.4055, 60.6217,
63.6328

■ 23.0265, 37.3061,
34.6413

■ 69.8414, 60.7960,
65.9280

■ 70.2875, 60.9745,
68.2773

Harmonies

Analogous

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



36.0862, 43.4033, 39.2140



35.3871, 43.4033, 47.5869



36.1908, 43.4033, 56.9746

Triad

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



35.3871, 43.4033, 47.5869



44.5195, 43.4033, 64.0687



44.3116, 43.4033, 33.4204

Complementary

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



35.3871, 43.4033, 47.5869



34.0261, 29.8127, 30.7510

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.



46.7676, 43.4033, 38.7155



35.3871, 43.4033, 47.5869



46.8920, 43.4033, 56.3348

Square

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



35.3871, 43.4033, 47.5869



41.3679, 43.4033, 67.2188



47.7349, 43.4033, 46.9322



41.1393, 43.4033, 31.7019

Rectangle

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



35.3871, 43.4033, 47.5869



37.4961, 43.4033, 62.3784



47.7349, 43.4033, 46.9322



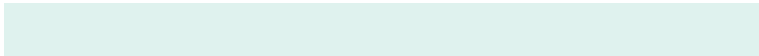
45.2540, 43.4033, 34.8040

Sweetspot

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



35.3883, 43.4051, 47.5879



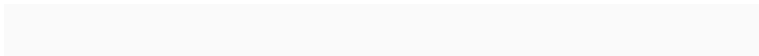
77.7167, 85.5200, 93.6463



33.6458, 42.9068, 29.4311



16.8492, 18.6988, 20.4903



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.



35.3883, 43.4051, 47.5879



60.5955, 76.8893, 84.0111



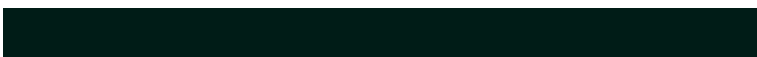
33.3623, 37.7103, 51.9768



9.1891, 10.1796, 11.1533



15.5176, 25.1080, 23.4453



0.5666, 0.8929, 0.9296

Inverse Universe

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



34.0261, 29.8127, 30.7510



57.7128, 48.0844, 48.3513



35.5786, 34.0983, 27.6290



9.0747, 9.0402, 9.7407



13.8642, 7.1195, 1.9059



0.5104, 0.2596, 0.1812

Previews

White Background



This preview shows how the XYZ color 35.3871, 43.4033, 47.5869 looks on a white background.

Color Contrast Check

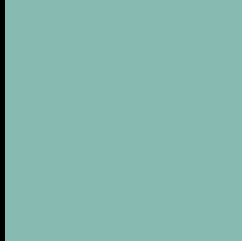
Large Text (above 18pt) WCAG AA × Fail

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 35.3871, 43.4033, 47.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

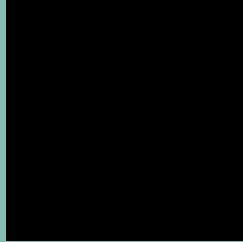
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

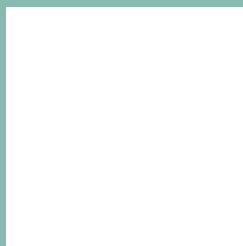
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3871, 43.4033, 47.5869

Background



This preview shows how black text looks on a background with the XYZ color 35.3871, 43.4033, 47.5869.



This preview shows how white text looks on a background with the XYZ color 35.3871, 43.4033,

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

35.3871, 43.4033, 47.5869

Protanopia

41.4081, 43.2655, 44.1989

Deuteranopia

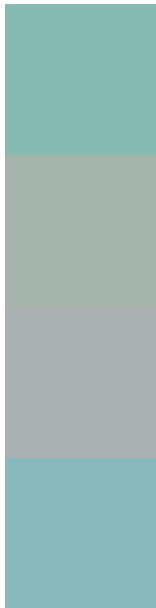
43.9973, 43.0805, 48.6443



Tritanopia

37.8267, 43.4736, 59.2209

Trichromacy



Original Color

35.3871, 43.4033, 47.5869

Protanomaly

38.8763, 43.1113, 45.3020

Deuteranomaly

40.3558, 42.9229, 48.2775

Tritanomaly

36.8070, 43.3584, 54.5732

Monochromacy



Original Color

35.3871, 43.4033, 47.5869

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.8764, 41.1973, 45.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3871, 43.4033, 47.5869 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(135, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(135, 186, 176)  
}
```

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(135, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 186, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.3871, 43.4033, 47.5869 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(135, 186, 176) }
```


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

```
.border{ border-color:rgb(135, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(135, 186,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3871, 43.4033, 47.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 186, 176) }
```

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

```
.background{ background-color: rgb(135,  
186, 176) }
```

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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