

Converting Colors

XYZ(33.2336, 39.3561, 43.8192)

Have a look what the booklet for
XYZ(33.2336, 39.3561, 43.8192)
contains.

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Color

**XYZ(33.2623, 39.3562,
43.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB0AA
RGB	138, 176, 170
RGB Percent	54%, 69%, 67%
CMY	0.4588, 0.3098, 0.3333
CMYK	0.22, 0.00, 0.03, 0.31
HSL	171°, 19%, 62%
HSV	171°, 22%, 69%
XYZ	33.2623, 39.3562, 43.8736
YIQ	163.9540, -20.7220, -9.9220

Conversions

Conversions Part 2

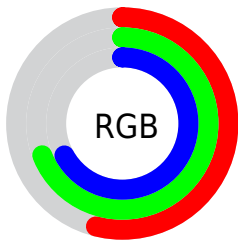
Format	Color
RYB	138, 159, 176
Decimal	9089194
CIELab	69.01, -14.07, -1.16
CIElCh	69, 14.113, 184.696
Yxy	39.3562, 0.2855, 0.3378
Android (android.graphics.Color)	4287279274 (0xFF8AB0AA)
YUV	163.9540, 2.9807, -22.7617
Hunter-Lab	62.7345, -15.1434, 2.4495

Details

The XYZ color **33.2623, 39.3562, 43.8736** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.0285, 29.4218, 30.3782**, and the grayscale version is **35.2590, 37.0952, 40.3966**.

A 20% lighter version of the original color is **64.1854, 74.3559, 82.2034**, and **14.2835, 17.5002, 19.7646** is the 20% darker color. If you saturate the color by 10%, you get **30.3231, 37.8721, 42.3784**, and if you desaturate by 10%, it is **36.6812, 41.0890, 45.4219**.

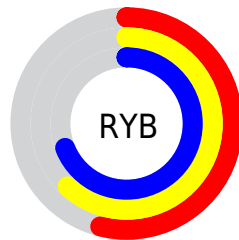
Distribution



Red (54%)

Green (69%)

Blue (67%)



Red (54%)

Yellow (62%)

Blue (69%)

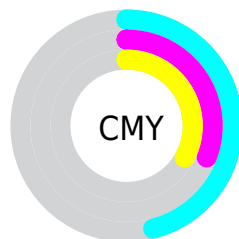


Cyan (22%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2623, 39.3562, 43.8736 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 33.2623, 39.3562, 43.8736 by changing the saturation by 10% instead.

■ 33.2623, 39.3562,
43.8736

■ 33.2623, 39.3562,
43.8736

308.4741,
343.4025, 378.2185

■ 22.4877, 27.0369,
30.2347

■ 64.1368, 74.1822,
82.3280

■ 14.3343, 17.6010,
19.7632

■ 84.9673, 97.4576,
107.9805

■ 8.4368, 10.6639,
12.0407

■ 109.8805,
125.1540, 138.4746

■ 4.4298, 5.8413,
6.6485

139.2418,
157.6556, 174.2289

■ 1.9481, 2.7488,
3.1682

173.4164,
195.3469, 215.6619

■ 0.6045, 1.0020,
1.1811

212.7698,

■ 0.0000, 0.0000,

238.6122, 263.1921

0.0000

257.6672,
287.8359, 317.2381

■ 33.2623, 39.3562,
43.8736

■ 33.2623, 39.3562,
43.8736

■ 30.3231, 37.8721,
42.3784

■ 36.6812, 41.0890,
45.4219

■ 27.8376, 36.6202,
40.9325

■ 40.5976, 43.0767,
47.0219

■ 25.7821, 35.5894,
39.5354

■ 45.0326, 45.3310,
48.6755

■ 24.1299, 34.7658,
38.1857

■ 50.0050, 47.8617,
50.3839

■ 22.8508, 34.1339,
36.8818

■ 55.5326, 50.6780,
52.1479

■ 21.9106, 33.6761,
35.6218

■ 61.6326, 53.7886,
53.9686

■ 21.2685, 33.3714,
34.4038

■ 66.0014, 56.0062,
55.7384

■ 20.8875, 33.1966,
33.4085

■ 66.3071, 56.1285,
57.3482

■ 66.6187, 56.2531,
58.9888

Harmonies

Analogous

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



33.6338, 39.3562, 37.7759



33.2623, 39.3562, 43.8736



33.9645, 39.3562, 50.2918

Triad

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



33.2623, 39.3562, 43.8736



39.9216, 39.3562, 53.8570



39.2850, 39.3562, 32.6070

Complementary

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



33.2623, 39.3562, 43.8736



32.0285, 29.4218, 30.3782

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.



41.0744, 39.3562, 36.1851



33.2623, 39.3562, 43.8736



41.4522, 39.3562, 48.3640

Square

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



33.2623, 39.3562, 43.8736



37.7618, 39.3562, 56.4114



41.8822, 39.3562, 41.8468



37.0542, 39.3562, 31.6610

Rectangle

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



33.2623, 39.3562, 43.8736



34.9641, 39.3562, 53.7692



41.8822, 39.3562, 41.8468



39.9609, 39.3562, 33.5230

Sweetspot

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



33.2634, 39.3578, 43.8745



70.3071, 76.4376, 83.9568



31.6740, 38.8466, 29.8743



15.1396, 16.5160, 18.1552



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.2634, 39.3578, 43.8745



57.6269, 70.0141, 78.2392



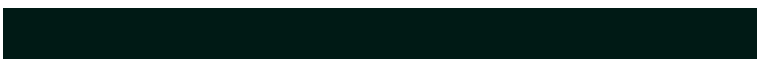
31.4754, 34.8522, 46.1443



8.6838, 9.6080, 10.5947



15.3427, 24.3630, 24.6050



0.4982, 0.7727, 0.8555

Inverse Universe

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



32.0285, 29.4218, 30.3782



54.9782, 48.6911, 49.2837



33.5063, 33.0925, 28.6671



8.5493, 8.5264, 9.1250



13.3035, 6.8389, 1.4921



0.4354, 0.2219, 0.1355

Previews

White Background



This preview shows how the XYZ color 33.2623, 39.3562, 43.8736 looks on a white background.

Color Contrast Check

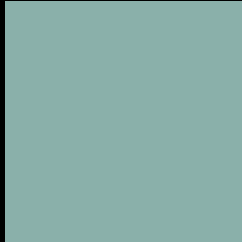
Large Text (above 18pt) WCAG AA × Fail

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 33.2623, 39.3562, 43.8736 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

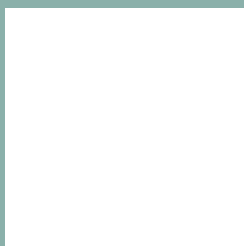
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2623, 39.3562, 43.8736

Background



This preview shows how black text looks on a background with the XYZ color 33.2623, 39.3562, 43.8736.

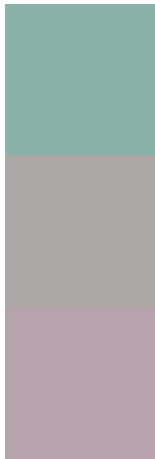


This preview shows how white text looks on a background with the XYZ color 33.2623, 39.3562,

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

33.2623, 39.3562, 43.8736

Protanopia

37.6235, 39.1247, 41.1662

Deuteranopia

39.9314, 39.1566, 44.9885



Tritanopia

34.8977, 39.1377, 52.7287

Trichromacy



Original Color

33.2623, 39.3562, 43.8736

Protanomaly

35.8470, 39.0131, 42.2002

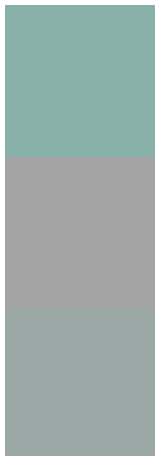
Deuteranomaly

37.1749, 39.0908, 44.6157

Tritanomaly

34.2918, 39.1837, 49.4719

Monochromacy



Original Color

33.2623, 39.3562, 43.8736

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.4031, 37.7270, 41.5452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2623, 39.3562, 43.8736 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(138, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 170)  
}
```

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(138, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 170) }
```

Border

The CSS property to change the border of an element to XYZ 33.2623, 39.3562, 43.8736 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(138, 176, 170) }
```


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

```
.border{ border-color:rgb(138, 176, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 176,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2623, 39.3562, 43.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 170) }
```

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

```
.background{ background-color: rgb(138,  
176, 170) }
```

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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