

Converting Colors

XYZ(38.4249, 44.7508, 43.7325)

Have a look what the booklet for
XYZ(38.4249, 44.7508, 43.7325)
contains.

XYZ(38.3215, 44.6932, 43.6527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3215, 44.6932,
43.6527)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB9A8
RGB	157, 185, 168
RGB Percent	62%, 73%, 66%
CMY	0.3843, 0.2745, 0.3412
CMYK	0.15, 0.00, 0.09, 0.27
HSL	144°, 17%, 67%
HSV	144°, 15%, 73%
XYZ	38.3215, 44.6932, 43.6527
YIQ	174.6900, -11.2310, -11.2230

Conversions

Conversions Part 2

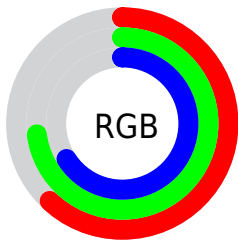
Format	Color
RYB	157, 177, 185
Decimal	10336680
CIELab	72.69, -12.90, 5.44
CIELCh	73, 14.003, 157.143
Yxy	44.6932, 0.3025, 0.3528
Android (android.graphics.Color)	4288526760 (0xFF9DB9A8)
YUV	174.6900, -3.2982, -15.5141
Hunter-Lab	66.8530, -14.6728, 8.0827

Details

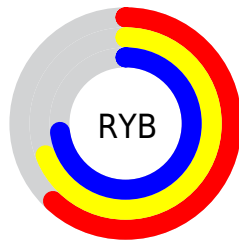
The XYZ color **38.3215, 44.6932, 43.6527** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7062, 37.4854, 45.1891**, and the grayscale version is **40.6090, 42.7239, 46.5263**.

A 20% lighter version of the original color is **71.9260, 82.2354, 81.8941**, and **17.2293, 20.7667, 19.6233** is the 20% darker color. If you saturate the color by 10%, you get **33.9802, 42.5722, 38.2210**, and if you desaturate by 10%, it is **43.3023, 47.1359, 49.5882**.

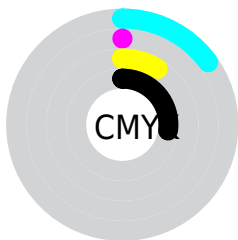
Distribution



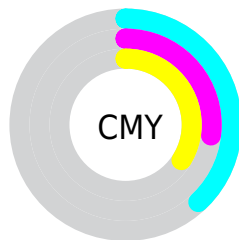
- Red (62%)
- Green (73%)
- Blue (66%)



- Red (62%)
- Yellow (69%)
- Blue (73%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3215, 44.6932, 43.6527 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 38.3215, 44.6932, 43.6527 by changing the saturation by 10% instead.

■ 38.3215, 44.6932,
43.6527

■ 38.3215, 44.6932,
43.6527

330.2542,
365.5296, 377.2889

■ 26.4107, 31.2158,
30.0624

■ 71.9014, 82.2598,
81.9918

■ 17.2654, 20.7633,
19.6335

■ 94.3011, 107.1179,
107.5776

■ 10.5204, 12.9511,
11.9475

120.9279,
136.5383, 137.9991

■ 5.8102, 7.3949,
6.5858

152.1470,
170.9055, 173.6746

■ 2.7696, 3.7102,
3.1300

188.3238,
210.6038, 215.0228

■ 1.0331, 1.5128,
1.1614

229.8237,

■ 0.0000, 0.2977,

256.0177, 262.4623

0.0000

277.0120,
307.5315, 316.4115

■ 0.0000, 0.0000,
0.0000

■ 38.3215, 44.6932,
43.6527

■ 38.3215, 44.6932,
43.6527

■ 33.9802, 42.5722,
38.2210

■ 43.3023, 47.1359,
49.5882

■ 30.2479, 40.7536,
33.2770

■ 48.9440, 49.9075,
56.0370

■ 27.0970, 39.2250,
28.8080

■ 55.2716, 53.0216,
63.0125

■ 24.4966, 37.9704,
24.7995

■ 62.3076, 56.4898,
70.5263

■ 22.4123, 36.9726,
21.2366

■ 70.0736, 60.3229,
78.5898

■ 20.8060, 36.2123,
18.1033

■ 73.6431, 61.9809,
86.9826

■ 19.6339, 35.6670,
15.3825

■ 75.3217, 62.6524,
95.8222

■ 18.8425, 35.3097,
13.0559

■ 76.6398, 63.1796,
102.7633

■ 18.5416, 35.1764,
12.0592

Harmonies

Analogous

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



39.7228, 44.6932, 38.7652



38.3215, 44.6932, 43.6527



38.0139, 44.6932, 50.3447

Triad

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



38.3215, 44.6932, 43.6527



43.0626, 44.6932, 63.1708



46.3104, 44.6932, 41.0290

Complementary

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



38.3215, 44.6932, 43.6527



39.7062, 37.4854, 45.1891

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.



47.2819, 44.6932, 47.0198



38.3215, 44.6932, 43.6527



45.3610, 44.6932, 60.1173

Square

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



38.3215, 44.6932, 43.6527



40.6919, 44.6932, 62.0516



46.9280, 44.6932, 54.0434



44.3188, 44.6932, 37.3542

Rectangle

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



38.3215, 44.6932, 43.6527



38.4594, 44.6932, 55.0209



46.9280, 44.6932, 54.0434



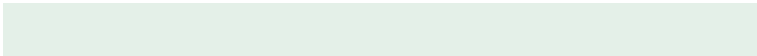
46.7705, 44.6932, 42.8154

Sweetspot

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



38.3227, 44.6951, 43.6537



77.6021, 84.4414, 88.8681



40.9515, 46.1637, 38.6510



16.5871, 18.1340, 18.9920



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.3227, 44.6951, 43.6537



66.0553, 78.7835, 75.0111



39.6711, 45.2344, 50.7539



9.0325, 10.1170, 10.3286



12.6582, 23.9642, 8.3879



0.4770, 0.8571, 0.4575

Inverse Universe

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



39.7062, 37.4854, 45.1891



68.9843, 63.5174, 78.2606



38.4345, 36.9767, 38.4924



9.2274, 9.1013, 10.5451



15.6639, 7.8393, 11.3826



0.5817, 0.2882, 0.5566

Previews

White Background



This preview shows how the XYZ color 38.3215, 44.6932, 43.6527 looks on a white background.

Color Contrast Check

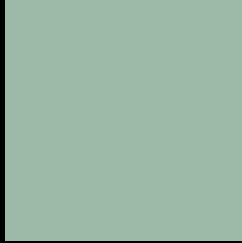
Large Text (above 18pt) WCAG AA × Fail

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 38.3215, 44.6932, 43.6527 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

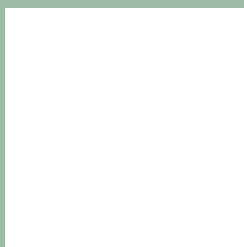
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3215, 44.6932, 43.6527

Background



This preview shows how black text looks on a background with the XYZ color 38.3215, 44.6932, 43.6527.



This preview shows how white text looks on a background with the XYZ color 38.3215, 44.6932,

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

38.3215, 44.6932, 43.6527

Protanopia

42.1901, 44.3150, 41.4519

Deuteranopia

45.3919, 44.4511, 44.7156



Tritanopia

41.2745, 44.6693, 58.0764

Trichromacy



Original Color

38.3215, 44.6932, 43.6527

Protanomaly

40.5683, 44.3578, 42.0210

Deuteranomaly

42.5063, 44.4138, 44.3626

Tritanomaly

39.9821, 44.4323, 52.3679

Monochromacy



Original Color

38.3215, 44.6932, 43.6527

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.7149, 43.5436, 45.3413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3215, 44.6932, 43.6527 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(157, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(157, 185, 168)  
}
```

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(157, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 185, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.3215, 44.6932, 43.6527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

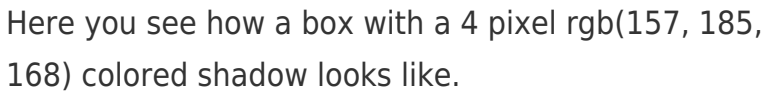
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 185, 168) }
```


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

```
.border{ border-color:rgb(157, 185, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 185, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 185, 168); box-shadow:4px 4px 4px 4px rgb(157, 185, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3215, 44.6932, 43.6527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 185, 168) }
```

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

```
.background{ background-color: rgb(157,  
185, 168) }
```

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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