

Converting Colors

XYZ(37.6312, 43.7600, 39.0753)

Have a look what the booklet for
XYZ(37.6312, 43.7600, 39.0753)
contains.

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Color

**XYZ(37.6887, 43.8438,
39.2772)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B79F
RGB	160, 183, 159
RGB Percent	63%, 72%, 62%
CMY	0.3725, 0.2823, 0.3765
CMYK	0.13, 0.00, 0.13, 0.28
HSL	118°, 14%, 67%
HSV	118°, 13%, 72%
XYZ	37.6887, 43.8438, 39.2772
YIQ	173.3870, -6.0040, -12.3400

Conversions

Conversions Part 2

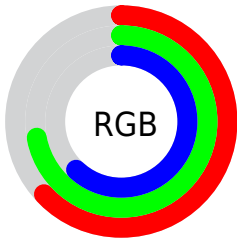
Format	Color
RYB	159, 183, 182
Decimal	10532767
CIELab	72.12, -12.51, 9.57
CIELCh	72, 15.749, 142.597
Yxy	43.8438, 0.3120, 0.3629
Android (android.graphics.Color)	4288722847 (0xFFA0B79F)
YUV	173.3870, -7.0928, -11.7404
Hunter-Lab	66.2147, -14.2753, 11.1806

Details

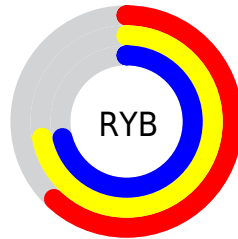
The XYZ color **37.6887, 43.8438, 39.2772** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2386, 38.1615, 50.0472**, and the grayscale version is **39.9564, 42.0372, 45.7785**.

A 20% lighter version of the original color is **71.0284, 81.0351, 75.5161**, and **16.8737, 20.2361, 17.2040** is the 20% darker color. If you saturate the color by 10%, you get **32.9547, 41.5747, 31.3707**, and if you desaturate by 10%, it is **43.1549, 46.4657, 48.4472**.

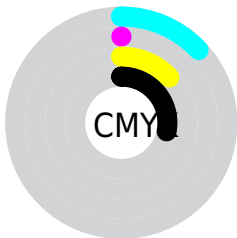
Distribution



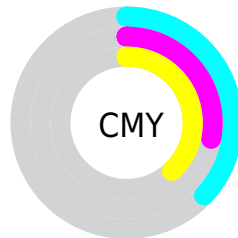
- Red (63%)
- Green (72%)
- Blue (62%)



- Red (62%)
- Yellow (72%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)




- Cyan (37%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6887, 43.8438, 39.2772 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 37.6887, 43.8438, 39.2772 by changing the saturation by 10% instead.


 37.6887, 43.8438,
39.2772


 37.6887, 43.8438,
39.2772


327.5867,
362.0705, 358.5287

 25.9173, 30.5477,
26.6660


 70.9377, 80.9826,
75.2866

 16.8941, 20.2547,
17.0923


 93.1460, 105.5942,
99.5218

 10.2539, 12.5803,
10.1377

119.5640,
134.7464, 128.4688

 5.6312, 7.1402,
5.3835

150.5571,
168.8236, 162.5460

 2.6606, 3.5499,
2.4114

186.4905,
208.2102, 202.1721

 0.9770, 1.4251,
0.7926

227.7297,

 0.0000, 0.2351,

253.2906, 247.7656

0.0000

274.6399,
304.4493, 299.7449

0.0000, 0.0000,
0.0000

37.6887, 43.8438,
39.2772

37.6887, 43.8438,
39.2772

32.9547, 41.5747,
31.3707

43.1549, 46.4657,
48.4472

28.9185, 39.6381,
24.6695

49.3787, 49.4486,
58.9296

25.5480, 38.0200,
19.1155

56.3889, 52.8076,
70.7741

22.8076, 36.7034,
14.6442

64.2116, 56.5551,
84.0273

20.6581, 35.6696,
11.1852

72.8715, 60.7029,
98.7332

■ 19.0559, 34.8979,
8.6594

■ 76.2244, 62.3487,
102.6248

■ 17.9516, 34.3648,
6.9762

■ 17.2867, 34.0423,
6.0270

■ 17.0298, 33.9179,
5.6493

Harmonies

Analogous

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



39.7120, 43.8438, 35.3028



37.6887, 43.8438, 39.2772



36.7404, 43.8438, 45.8512

Triad

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



37.6887, 43.8438, 39.2772



41.0079, 43.8438, 64.0248



46.6432, 43.8438, 42.2584

Complementary

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



37.6887, 43.8438, 39.2772



40.2386, 38.1615, 50.0472

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.



47.0267, 43.8438, 49.6768



37.6887, 43.8438, 39.2772



43.6959, 43.8438, 62.7972

Square

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



37.6887, 43.8438, 39.2772



38.6023, 43.8438, 60.5288



45.9270, 43.8438, 57.3351



44.9007, 43.8438, 36.8902

Rectangle

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



37.6887, 43.8438, 39.2772



36.8155, 43.8438, 51.0498



45.9270, 43.8438, 57.3351



46.9383, 43.8438, 44.5735

Sweetspot

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



37.6899, 43.8457, 39.2782



76.2982, 82.7417, 85.1039



42.4755, 45.9468, 39.4315



16.6810, 18.1931, 18.5095



88.6918, 93.3107, 101.6153



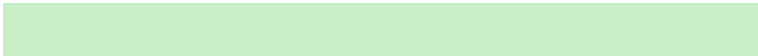
17.8044, 18.7317, 20.3988

Same Dimension

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



37.6899, 43.8457, 39.2782



64.6902, 77.1762, 65.6453



38.4698, 44.1346, 44.4237



8.9240, 10.0775, 9.5817



11.8942, 23.6680, 3.9415



0.4311, 0.8404, 0.1395

Inverse Universe

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



40.2386, 38.1615, 50.0472



70.2283, 64.8243, 89.0466



39.3938, 37.8510, 44.3617



9.3430, 9.1432, 11.3518



18.3705, 8.7815, 31.9798



0.6591, 0.3155, 1.1279

Previews

White Background



This preview shows how the XYZ color 37.6887, 43.8438, 39.2772 looks on a white background.

Color Contrast Check

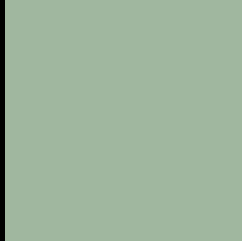
Large Text (above 18pt) WCAG AA × Fail

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 37.6887, 43.8438, 39.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

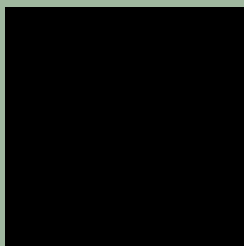
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6887, 43.8438, 39.2772

Background



This preview shows how black text looks on a background with the XYZ color 37.6887, 43.8438, 39.2772.



This preview shows how white text looks on a background with the XYZ color 37.6887, 43.8438,

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

37.6887, 43.8438, 39.2772

Protanopia

41.4493, 43.7315, 37.2668

Deuteranopia

44.4495, 43.5002, 40.2361



Tritanopia

40.9519, 43.6459, 56.1353

Trichromacy



Original Color

37.6887, 43.8438, 39.2772

Protanomaly

40.0253, 43.8706, 37.8108

Deuteranomaly

41.7706, 43.5474, 39.9222

Tritanomaly

39.6637, 43.7243, 49.5292

Monochromacy



Original Color

37.6887, 43.8438, 39.2772

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.9385, 42.5963, 43.2154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6887, 43.8438, 39.2772 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(160, 183, 159)` looks like.

```
.text, #text, p{  
    color:rgb(160, 183, 159)  
}
```

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(160, 183, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 183, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.6887, 43.8438, 39.2772 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(160, 183, 159) }
```


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

```
.border{ border-color:rgb(160, 183, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 183, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 183, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 183, 159);  
box-shadow:4px 4px 4px 4px rgb(160, 183,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6887, 43.8438, 39.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 183, 159) }
```

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

```
.background{ background-color: rgb(160,  
183, 159) }
```

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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