

Converting Colors

XYZ(39.9959, 47.0903, 43.2862)

Have a look what the booklet for
XYZ(39.9959, 47.0903, 43.2862)
contains.

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Color

**XYZ(39.9943, 47.1572,
43.0707)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BEA6
RGB	161, 190, 166
RGB Percent	63%, 75%, 65%
CMY	0.3686, 0.2549, 0.3490
CMYK	0.15, 0.00, 0.13, 0.25
HSL	130°, 18%, 69%
HSV	130°, 15%, 75%
XYZ	39.9943, 47.1572, 43.0707
YIQ	178.5930, -9.5800, -13.6120

Conversions

Conversions Part 2

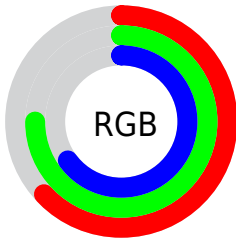
Format	Color
RYB	161, 186, 190
Decimal	10600102
CIELab	74.29, -14.51, 8.86
CIELCh	74, 16.996, 148.590
Yxy	47.1572, 0.3071, 0.3621
Android (android.graphics.Color)	4288790182 (0xFFA1BEA6)
YUV	178.5930, -6.2083, -15.4291
Hunter-Lab	68.6711, -16.2154, 10.8829

Details

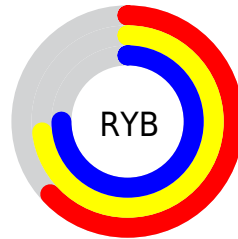
The XYZ color **39.9943, 47.1572, 43.0707** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7387, 39.9407, 51.3578**, and the grayscale version is **42.6679, 44.8899, 48.8851**.

A 20% lighter version of the original color is **74.3258, 85.7309, 81.0369**, and **18.2896, 22.3574, 19.2710** is the 20% darker color. If you saturate the color by 10%, you get **35.0972, 44.7906, 35.7669**, and if you desaturate by 10%, it is **45.6523, 49.8983, 51.3328**.

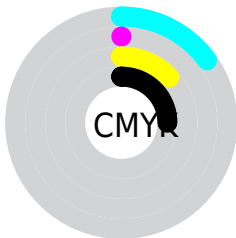
Distribution



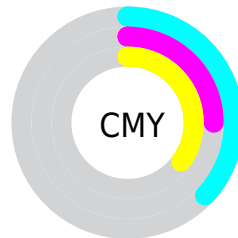
- Red (63%)
- Green (75%)
- Blue (65%)



- Red (63%)
- Yellow (73%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9943, 47.1572, 43.0707 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 39.9943, 47.1572, 43.0707 by changing the saturation by 10% instead.


 39.9943, 47.1572,
43.0707


 39.9943, 47.1572,
43.0707


337.2344,
375.4417, 374.8322

 27.7183, 33.1599,
29.6088

 74.4392, 85.9482,
81.1050

 18.2528, 22.2490,
19.2923


 97.3389, 111.5108,
106.5145

 11.2324, 14.0400,
11.7027


124.5104,
141.6972, 136.7436

 6.2918, 8.1485,
6.4215

156.3192,
176.8920, 172.2109

 3.0657, 4.1901,
3.0301

193.1307,
217.4794, 213.3348

 1.1886, 1.7805,
1.1100

235.3101,

 0.0973, 0.4750,

263.8439, 260.5340

0.0000

283.2229,
316.3698, 314.2269

■ 0.0000, 0.0000,
0.0000

■ 39.9943, 47.1572,
43.0707

■ 39.9943, 47.1572,
43.0707

■ 35.0972, 44.7906,
35.7669

■ 45.6523, 49.8983,
51.3328

■ 30.9245, 42.7765,
29.3836

■ 52.0978, 53.0231,
60.5830

■ 27.4427, 41.0996,
23.8853

■ 59.3610, 56.5476,
70.8534

■ 24.6140, 39.7414,
19.2328

■ 67.4692, 60.4853,
82.1740

■ 22.3969, 38.6814,
15.3840

■ 76.0785, 64.6584,
94.5561

■ 20.7451, 37.8965,
12.2933

■ 77.7044, 65.3088,
103.1181

■ 19.6053, 37.3605,
9.9104

■ 18.9135, 37.0415,
8.1787

■ 18.6856, 36.9373,
7.5660

Harmonies

Analogous

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



42.0698, 47.1572, 37.9496



39.9943, 47.1572, 43.0707



39.2036, 47.1572, 50.9333

Triad

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



39.9943, 47.1572, 43.0707



44.6771, 47.1572, 70.0604



50.1780, 47.1572, 43.7116

Complementary

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



39.9943, 47.1572, 43.0707



42.7387, 39.9407, 51.3578

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.



50.9520, 47.1572, 51.7612



39.9943, 47.1572, 43.0707



47.6907, 47.1572, 67.5741

Square

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



39.9943, 47.1572, 43.0707



41.8302, 47.1572, 67.0782



50.0223, 47.1572, 60.6191



47.9521, 47.1572, 38.2890

Rectangle

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



39.9943, 47.1572, 43.0707



39.4829, 47.1572, 56.8962



50.0223, 47.1572, 60.6191



50.6209, 47.1572, 46.1694

Sweetspot

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



39.9956, 47.1592, 43.0717



82.9259, 90.5161, 93.3094



44.8962, 49.7376, 40.9526



18.0389, 19.7937, 20.2426



92.9021, 97.7402, 106.4391



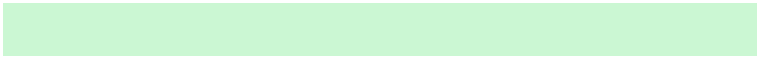
19.4759, 20.4902, 22.3138

Same Dimension

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



39.9956, 47.1592, 43.0717



69.6451, 84.0863, 73.8617



41.3851, 47.7150, 50.3887



9.4741, 10.6758, 10.4803



12.4448, 24.5682, 5.1389



0.5085, 0.9708, 0.3121

Inverse Universe

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



42.7387, 39.9407, 51.3578



75.4761, 68.7399, 91.4742



41.3005, 39.3654, 43.7842



9.8574, 9.6673, 11.6382



18.2062, 8.9136, 22.1773



0.7321, 0.3567, 0.9684

Previews

White Background



This preview shows how the XYZ color 39.9943, 47.1572, 43.0707 looks on a white background.

Color Contrast Check

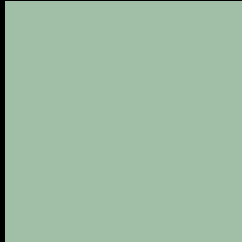
Large Text (above 18pt) WCAG AA × Fail

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 39.9943, 47.1572, 43.0707 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

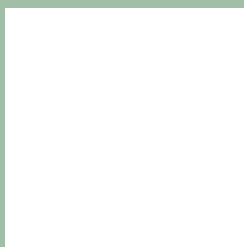
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9943, 47.1572, 43.0707

Background



This preview shows how black text looks on a background with the XYZ color 39.9943, 47.1572, 43.0707.



This preview shows how white text looks on a background with the XYZ color 39.9943, 47.1572,

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

39.9943, 47.1572, 43.0707

Protanopia

44.4847, 47.0117, 40.9120

Deuteranopia

47.8636, 46.8944, 44.0650



Tritanopia

43.7106, 47.0835, 61.4278

Trichromacy



Original Color

39.9943, 47.1572, 43.0707

Protanomaly

42.5502, 46.9260, 41.4653

Deuteranomaly

44.5780, 46.6937, 43.7091

Tritanomaly

42.3645, 47.1708, 54.4490

Monochromacy



Original Color

39.9943, 47.1572, 43.0707

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.5867, 45.6936, 46.6723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9943, 47.1572, 43.0707 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(161, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 190, 166)  
}
```

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(161, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.9943, 47.1572, 43.0707 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(161, 190, 166) }
```


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

```
.border{ border-color:rgb(161, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 190,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9943, 47.1572, 43.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 190, 166) }
```

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

```
.background{ background-color: rgb(161,  
190, 166) }
```

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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