

Converting Colors

XYZ(39.4317, 43.9173, 45.4010)

Have a look what the booklet for
XYZ(39.4317, 43.9173, 45.4010)
contains.

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Color

**XYZ(39.4873, 44.0256,
45.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B5AC
RGB	165, 181, 172
RGB Percent	65%, 71%, 67%
CMY	0.3529, 0.2902, 0.3255
CMYK	0.09, 0.00, 0.05, 0.29
HSL	146°, 10%, 68%
HSV	146°, 9%, 71%
XYZ	39.4873, 44.0256, 45.4463
YIQ	175.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

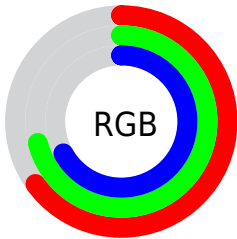
Format	Color
RYB	165, 176, 181
Decimal	10859948
CIELab	72.25, -7.28, 2.68
CIElCh	72, 7.760, 159.786
Yxy	44.0256, 0.3062, 0.3414
Android (android.graphics.Color)	4289050028 (0xFFA5B5AC)
YUV	175.1900, -1.5727, -8.9366
Hunter-Lab	66.3518, -9.8867, 5.8368

Details

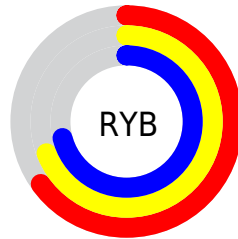
The XYZ color **39.4873, 44.0256, 45.4463** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1527, 39.7911, 45.6106**, and the grayscale version is **40.8573, 42.9850, 46.8107**.

A 20% lighter version of the original color is **73.6645, 81.3301, 84.4888**, and **17.9194, 20.3051, 20.7441** is the 20% darker color. If you saturate the color by 10%, you get **35.0450, 41.8455, 40.3278**, and if you desaturate by 10%, it is **44.5399, 46.5142, 50.9864**.

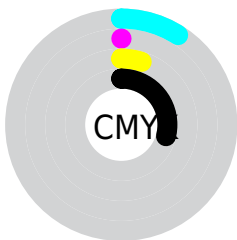
Distribution



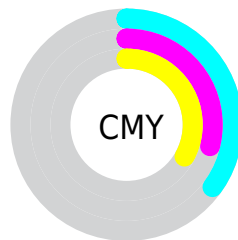
- Red (65%)
- Green (71%)
- Blue (67%)



- Red (65%)
- Yellow (69%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4873, 44.0256, 45.4463 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 39.4873, 44.0256, 45.4463 by changing the saturation by 10% instead.

■ 39.4873, 44.0256,
45.4463

■ 39.4873, 44.0256,
45.4463

335.1295,
362.8127, 384.7908

■ 27.3215, 30.6906,
31.4636

■ 73.6715, 81.2563,
84.7153

■ 17.9526, 20.3634,
20.6907

■ 96.4205, 105.9208,
110.8386

■ 11.0155, 12.6595,
12.7091

123.4280,
135.1305, 141.8459

■ 6.1446, 7.1945,
7.1002

155.0593,
169.2700, 178.1557

■ 2.9747, 3.5840,
3.4454

191.6797,
208.7236, 220.1866

■ 1.1404, 1.4437,
1.3263

233.6546,

■ 0.0585, 0.2486,

253.8756, 268.3570

0.0832

281.3494,
305.1105, 323.0856

■ 0.0000, 0.0000,
0.0000

■ 39.4873, 44.0256,
45.4463

■ 39.4873, 44.0256,
45.4463

■ 35.0450, 41.8455,
40.3278

■ 44.5399, 46.5142,
50.9864

■ 31.1854, 39.9560,
35.6182

■ 50.2216, 49.3170,
56.9548

■ 27.8841, 38.3461,
31.3082

■ 56.5551, 52.4468,
63.3615

■ 25.1135, 37.0017,
27.3872

■ 63.5608, 55.9139,
70.2154

■ 22.8439, 35.9077,
23.8441

■ 71.0726, 59.6325,
77.5166

■ 21.0419, 35.0473,
20.6671

■ 72.4867, 60.1982,
84.9633

■ 19.6704, 34.4013,
17.8439

■ 73.9848, 60.7974,
92.8524

■ 18.6857, 33.9476,
15.3612

■ 75.5683, 61.4308,
101.1909

■ 18.0121, 33.6474,
13.2038

■ 75.8147, 61.5294,
102.4882

Harmonies

Analogous

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



40.2274, 44.0256, 42.5179



39.4873, 44.0256, 45.4463



39.3715, 44.0256, 49.1939

Triad

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



39.4873, 44.0256, 45.4463



42.2818, 44.0256, 55.5341



43.8442, 44.0256, 43.3941

Complementary

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



39.4873, 44.0256, 45.4463



40.1527, 39.7911, 45.6106

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.



44.4200, 44.0256, 46.7005



39.4873, 44.0256, 45.4463



43.5055, 44.0256, 53.7968

Square

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



39.4873, 44.0256, 45.4463



40.9663, 44.0256, 55.1544



44.2948, 44.0256, 50.5158



42.7362, 44.0256, 41.3773

Rectangle

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



39.4873, 44.0256, 45.4463



39.6613, 44.0256, 51.6732



44.2948, 44.0256, 50.5158



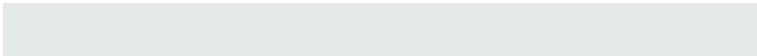
44.1074, 44.0256, 44.3842

Sweetspot

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



39.4885, 44.0275, 45.4473



75.8231, 81.3595, 87.0431



40.7874, 44.7727, 42.0902



16.2310, 17.5074, 18.6412



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.4885, 44.0275, 45.4473



68.7593, 77.8848, 79.1765



40.2738, 44.3416, 49.5826



8.5382, 9.5498, 9.8279



12.4021, 23.1868, 9.1204



0.4197, 0.7414, 0.4423

Inverse Universe

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



40.1527, 39.7911, 45.6106



70.2403, 68.4386, 79.5405



39.4016, 39.4907, 41.6550



8.6898, 8.5827, 9.8652



14.8196, 7.4454, 9.4757



0.4950, 0.2457, 0.4492

Previews

White Background



This preview shows how the XYZ color 39.4873, 44.0256, 45.4463 looks on a white background.

Color Contrast Check

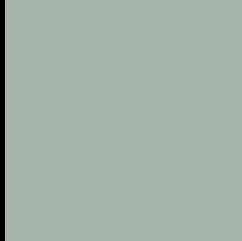
Large Text (above 18pt) WCAG AA × Fail

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 39.4873, 44.0256, 45.4463 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

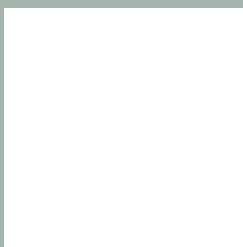
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4873, 44.0256, 45.4463

Background



This preview shows how black text looks on a background with the XYZ color 39.4873, 44.0256, 45.4463.



This preview shows how white text looks on a background with the XYZ color 39.4873, 44.0256,

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

39.4873, 44.0256, 45.4463

Protanopia

41.9782, 43.8603, 43.7895

Deuteranopia

44.7086, 43.7839, 46.1391



Tritanopia

41.5833, 43.9714, 56.1648

Trichromacy



Original Color

39.4873, 44.0256, 45.4463

Protanomaly

41.0806, 43.9732, 44.3527

Deuteranomaly

42.6400, 43.8674, 45.7551

Tritanomaly

40.8134, 43.9585, 52.2327

Monochromacy



Original Color

39.4873, 44.0256, 45.4463

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.1567, 43.1582, 46.2583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4873, 44.0256, 45.4463 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(165, 181, 172)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 172)  
}
```

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(165, 181, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 172) }
```

Border

The CSS property to change the border of an element to XYZ 39.4873, 44.0256, 45.4463 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(165, 181, 172) }
```


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

```
.border{ border-color:rgb(165, 181, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 172);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4873, 44.0256, 45.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 172) }
```

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

```
.background{ background-color: rgb(165,  
181, 172) }
```

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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