

Converting Colors

XYZ(38.3958, 44.3894, 45.0724)

Have a look what the booklet for
XYZ(38.3958, 44.3894, 45.0724)
contains.

XYZ(38.3958, 44.3894, 45.0724)	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(38.3958, 44.3894,
45.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB8AB
RGB	157, 184, 171
RGB Percent	62%, 72%, 67%
CMY	0.3843, 0.2784, 0.3294
CMYK	0.15, 0.00, 0.07, 0.28
HSL	151°, 16%, 67%
HSV	151°, 15%, 72%
XYZ	38.3958, 44.3894, 45.0724
YIQ	174.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

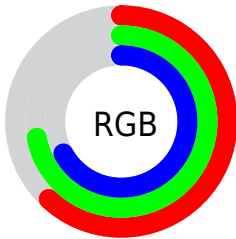
Format	Color
RYB	157, 175, 184
Decimal	10336427
CIELab	72.49, -11.80, 3.51
CIELCh	72, 12.308, 163.429
Yxy	44.3894, 0.3003, 0.3472
Android (android.graphics.Color)	4288526507 (0xFF9DB8AB)
YUV	174.4450, -1.6984, -15.2993
Hunter-Lab	66.6254, -13.7259, 6.5278

Details

The XYZ color **38.3958, 44.3894, 45.0724** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0814, 37.2077, 43.1542**, and the grayscale version is **40.4749, 42.5828, 46.3726**.

A 20% lighter version of the original color is **72.0389, 81.8082, 83.9452**, and **17.2718, 20.5678, 20.5124** is the 20% darker color. If you saturate the color by 10%, you get **34.2564, 42.3510, 40.6172**, and if you desaturate by 10%, it is **43.1350, 46.7329, 49.8531**.

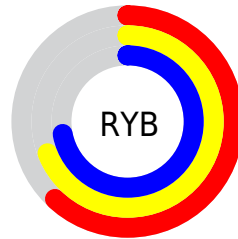
Distribution



Red (62%)

Green (72%)

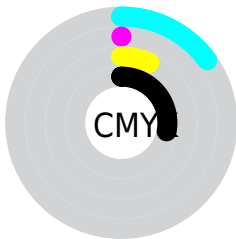
Blue (67%)



Red (62%)

Yellow (69%)

Blue (72%)

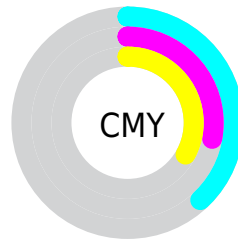


Cyan (15%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (38%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3958, 44.3894, 45.0724 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 38.3958, 44.3894, 45.0724 by changing the saturation by 10% instead.

■ 38.3958, 44.3894,
45.0724

■ 38.3958, 44.3894,
45.0724

330.5664,
364.2950, 383.2354

■ 26.4686, 30.9768,
31.1711

■ 72.0144, 81.8034,
84.1486

■ 17.3091, 20.5811,
20.4696

■ 94.4365, 106.5735,
110.1607

■ 10.5518, 12.8182,
12.5494

121.0877,
135.8982, 141.0467

■ 5.8314, 7.3035,
6.9920

152.3332,
170.1620, 177.2252

■ 2.7825, 3.6526,
3.3787

188.5385,
209.7491, 219.1148

■ 1.0398, 1.4812,
1.2911

230.0689,

■ 0.0000, 0.2754,

255.0441, 267.1340

0.0545

277.2897,
306.4312, 321.7013

■ 0.0000, 0.0000,
0.0000

■ 38.3958, 44.3894,
45.0724

■ 38.3958, 44.3894,
45.0724

■ 34.2564, 42.3510,
40.6172

■ 43.1350, 46.7329,
49.8531

■ 30.6879, 40.5993,
36.4776

■ 48.4939, 49.3879,
54.9631

■ 27.6644, 39.1223,
32.6475

■ 54.4961, 52.3679,
60.4098

■ 25.1567, 37.9050,
29.1193

■ 61.1628, 55.6834,
66.1995

■ 23.1325, 36.9310,
25.8852

■ 68.5143, 59.3450,
72.3383

■ 21.5557, 36.1817,
22.9370

■ 71.8582, 60.9334,
78.6116

■ 20.3848, 35.6361,
20.2660

■ 73.0928, 61.4273,
85.1133

■ 19.5700, 35.2683,
17.8626

■ 74.3911, 61.9466,
91.9497

■ 19.2252, 35.1162,
16.6869

■ 75.7538, 62.4917,
99.1258

Harmonies

Analogous

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



39.4447, 44.3894, 40.3253



38.3958, 44.3894, 45.0724



38.3414, 44.3894, 51.1003

Triad

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



38.3958, 44.3894, 45.0724



43.1465, 44.3894, 60.6265



45.2271, 44.3894, 40.7287

Complementary

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



38.3958, 44.3894, 45.0724



39.0814, 37.2077, 43.1542

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.



46.2896, 44.3894, 45.6665



38.3958, 44.3894, 45.0724



45.0614, 44.3894, 57.3351

Square

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



38.3958, 44.3894, 45.0724



41.0365, 44.3894, 60.4336



46.2280, 44.3894, 51.7462



43.3665, 44.3894, 37.9653

Rectangle

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



38.3958, 44.3894, 45.0724



38.8730, 44.3894, 55.0674



46.2280, 44.3894, 51.7462



45.6922, 44.3894, 42.1705

Sweetspot

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



38.3970, 44.3913, 45.0734



78.7483, 84.9882, 90.9141



39.8162, 45.2690, 38.5381



16.8281, 18.2483, 19.4540



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.



38.3970, 44.3913, 45.0734



66.7573, 79.0643, 78.7077



39.6050, 44.7251, 51.8951



9.0795, 10.1358, 10.5762



13.2851, 24.2150, 11.6892



0.4994, 0.8661, 0.5759

Inverse Universe

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



39.0814, 37.2077, 43.1542



68.2659, 63.2300, 74.4777



37.9875, 36.8922, 37.0176



9.1799, 9.0823, 10.2947



14.8900, 7.5298, 7.3077



0.5562, 0.2780, 0.4225

Previews

White Background



This preview shows how the XYZ color 38.3958, 44.3894, 45.0724 looks on a white background.

Color Contrast Check

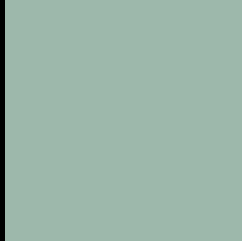
Large Text (above 18pt) WCAG AA × Fail

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 38.3958, 44.3894, 45.0724 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 38.3958, 44.3894, 45.0724

Background



This preview shows how black text looks on a background with the XYZ color 38.3958, 44.3894, 45.0724.



This preview shows how white text looks on a background with the XYZ color 38.3958, 44.3894,

45.0724.

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

38.3958, 44.3894, 45.0724

Protanopia

42.2256, 44.3016, 42.8847

Deuteranopia

45.1575, 44.2968, 46.2145



Tritanopia

40.8695, 44.1597, 57.9994

Trichromacy



Original Color

38.3958, 44.3894, 45.0724

Protanomaly

40.8447, 44.4683, 43.4763

Deuteranomaly

42.3596, 44.0129, 45.7979

Tritanomaly

39.8840, 44.0665, 52.8579

Monochromacy



Original Color

38.3958, 44.3894, 45.0724

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.6117, 43.1828, 45.7825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3958, 44.3894, 45.0724 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, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 171)  
}
```

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, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 171) }
```

Border

The CSS property to change the border of an element to XYZ 38.3958, 44.3894, 45.0724 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, 184, 171) }
```


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

```
.border{ border-color:rgb(157, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3958, 44.3894, 45.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 171) }
```

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

```
.background{ background-color: rgb(157,  
184, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor