

Converting Colors

XYZ(40.4854, 44.4010, 51.7838)

Have a look what the booklet for
XYZ(40.4854, 44.4010, 51.7838)
contains.

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Color

**XYZ(40.4854, 44.4010,
51.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B5B8
RGB	164, 181, 184
RGB Percent	64%, 71%, 72%
CMY	0.3569, 0.2902, 0.2784
CMYK	0.11, 0.02, 0.00, 0.28
HSL	189°, 12%, 68%
HSV	189°, 11%, 72%
XYZ	40.4854, 44.4010, 51.7838
YIQ	176.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

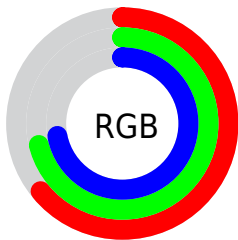
Format	Color
RYB	164, 173, 184
Decimal	10794424
CIELab	72.50, -5.24, -3.53
CIELCh	72, 6.323, 213.988
Yxy	44.4010, 0.2962, 0.3249
Android (android.graphics.Color)	4288984504 (0xFFA4B5B8)
YUV	176.2590, 3.8163, -10.7511
Hunter-Lab	66.6341, -8.1570, 0.5674

Details

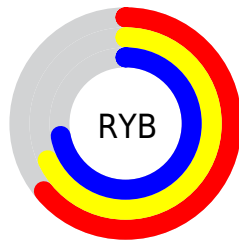
The XYZ color **40.4854, 44.4010, 51.7838** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2868, 40.5076, 40.8179**, and the grayscale version is **41.3878, 43.5432, 47.4186**.

A 20% lighter version of the original color is **75.2258, 81.9197, 94.2853**, and **18.4980, 20.5218, 24.4589** is the 20% darker color. If you saturate the color by 10%, you get **36.4047, 41.4744, 51.4347**, and if you desaturate by 10%, it is **45.1292, 47.6367, 52.1643**.

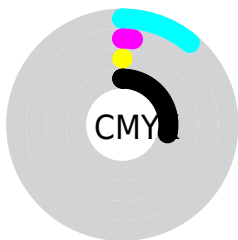
Distribution



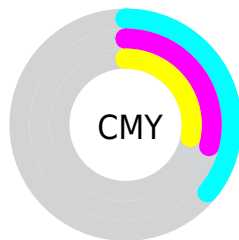
- Red (64%)
- Green (71%)
- Blue (72%)



- Red (64%)
- Yellow (68%)
- Blue (72%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4854, 44.4010, 51.7838 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 40.4854, 44.4010, 51.7838 by changing the saturation by 10% instead.

■ 40.4854, 44.4010,
51.7838

■ 40.4854, 44.4010,
51.7838

339.2647,
364.3421, 410.5346

■ 28.1031, 30.9859,
36.4517

■ 75.1817, 81.8208,
94.2356

■ 18.5442, 20.5881,
24.4908

■ 98.2265, 106.5943,
122.1925

■ 11.4435, 12.8233,
15.4825

125.5561,
135.9227, 155.1947

■ 6.4354, 7.3069,
9.0084

157.5360,
170.1904, 193.6607

■ 3.1548, 3.6548,
4.6498

194.5314,
209.7818, 238.0092

■ 1.2361, 1.4824,
1.9881

236.9078,

■ 0.1346, 0.2763,

255.0813, 288.6587

0.5480

285.0304,
306.4733, 346.0276

■ 0.0000, 0.0000,
0.0000

■ 40.4854, 44.4010,
51.7838

■ 40.4854, 44.4010,
51.7838

■ 36.4047, 41.4744,
51.4347

■ 45.1292, 47.6367,
52.1643

■ 32.8597, 38.8392,
51.1129

■ 50.3543, 51.1875,
52.5743

■ 29.8264, 36.4840,
50.8182

■ 56.1829, 55.0661,
53.0157

■ 27.2775, 34.3948,
50.5492

■ 62.6350, 59.2828,
53.4896

■ 25.1831, 32.5560,
50.3047

■ 69.3600, 63.6570,
53.9794

■ 23.5099, 30.9503,
50.0829

■ 69.9826, 64.9023,
54.1870

■ 22.2200, 29.5580,
49.8822

■ 70.6168, 66.1706,
54.3983

■ 21.2684, 28.3560,
49.7003

■ 71.2624, 67.4618,
54.6136

■ 20.6125, 27.3820,
49.5469

■ 71.9196, 68.7763,
54.8326

Harmonies

Analogous

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



40.1425, 44.4010, 48.7644



40.4854, 44.4010, 51.7838



41.2881, 44.4010, 53.9508

Triad

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



40.4854, 44.4010, 51.7838



44.1163, 44.4010, 51.0294



42.0560, 44.4010, 42.5934

Complementary

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



40.4854, 44.4010, 51.7838



40.2868, 40.5076, 40.8179

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.



43.1290, 44.4010, 43.1419



40.4854, 44.4010, 51.7838



44.3304, 44.4010, 47.9283

Square

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



40.4854, 44.4010, 51.7838



43.3860, 44.4010, 53.5023



43.9661, 44.4010, 45.0622



41.0394, 44.4010, 43.5306

Rectangle

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



40.4854, 44.4010, 51.7838



41.9824, 44.4010, 54.5727



43.9661, 44.4010, 45.0622



42.4220, 44.4010, 42.6104

Sweetspot

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



40.4867, 44.4029, 51.7848



79.8839, 85.0267, 94.4061



39.3952, 44.9519, 42.9987



17.0712, 18.2261, 20.3398



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.



40.4867, 44.4029, 51.7848



71.5650, 79.1958, 93.7191



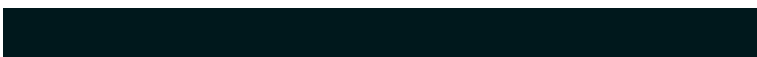
38.5881, 40.6057, 51.1519



9.1489, 9.9751, 11.5226



14.2467, 18.9531, 34.1605



0.5337, 0.7310, 1.2147

Inverse Universe

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



41.3840, 40.0782, 49.2730



73.5208, 69.8478, 88.2275



42.1250, 44.1841, 41.4307



9.3215, 9.1390, 11.0405



17.8048, 8.6957, 22.6565



0.6435, 0.3129, 0.8823

Previews

White Background



This preview shows how the XYZ color 40.4854, 44.4010, 51.7838 looks on a white background.

Color Contrast Check

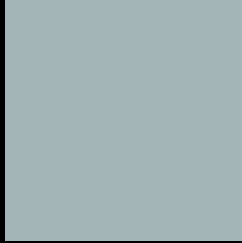
Large Text (above 18pt) WCAG AA × Fail

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 40.4854, 44.4010, 51.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

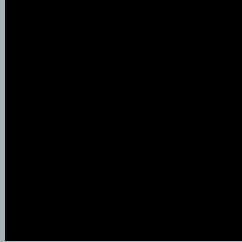
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

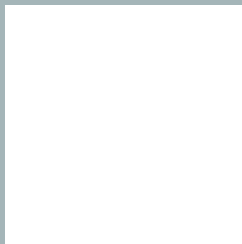
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4854, 44.4010, 51.7838

Background



This preview shows how black text looks on a background with the XYZ color 40.4854, 44.4010, 51.7838.



This preview shows how white text looks on a background with the XYZ color 40.4854, 44.4010,

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

40.4854, 44.4010, 51.7838

Protanopia

42.8850, 44.4838, 50.0420

Deuteranopia

45.1013, 44.1266, 52.5946



Tritanopia

41.5836, 44.2422, 57.3869

Trichromacy



Original Color

40.4854, 44.4010, 51.7838

Protanomaly

41.8195, 44.2169, 50.5866

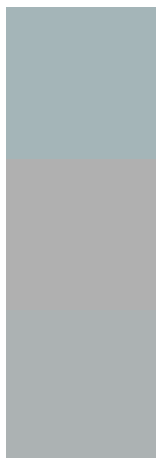
Deuteranomaly

43.1430, 43.9865, 52.1153

Tritanomaly

41.1326, 44.3596, 55.1095

Monochromacy



Original Color

40.4854, 44.4010, 51.7838

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0703, 43.8661, 48.9502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4854, 44.4010, 51.7838 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(164, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 181, 184)  
}
```

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(164, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 40.4854, 44.4010, 51.7838 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(164, 181, 184) }
```


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

```
.border{ border-color:rgb(164, 181, 184) }
```

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

Here you see how a box with a 4 pixel rgb(164, 181, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(164, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4854, 44.4010, 51.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 181, 184) }
```

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

```
.background{ background-color: rgb(164,  
181, 184) }
```

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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