

Converting Colors

XYZ(41.3633, 43.9823, 41.0864)

Have a look what the booklet for
XYZ(41.3633, 43.9823, 41.0864)
contains.

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Color

**XYZ(41.3891, 43.9124,
40.9448)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B1A3
RGB	181, 177, 163
RGB Percent	71%, 69%, 64%
CMY	0.2902, 0.3059, 0.3608
CMYK	0.00, 0.02, 0.10, 0.29
HSL	47°, 11%, 67%
HSV	47°, 10%, 71%
XYZ	41.3891, 43.9124, 40.9448
YIQ	176.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

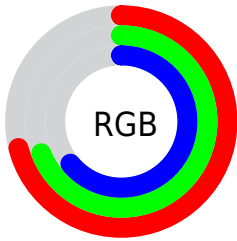
Format	Color
RYB	168, 181, 163
Decimal	11907491
CIELab	72.17, -1.06, 7.66
CIELCh	72, 7.731, 97.881
Yxy	43.9124, 0.3278, 0.3478
Android (android.graphics.Color)	4290097571 (0xFFB5B1A3)
YUV	176.6000, -6.7048, 3.8588
Hunter-Lab	66.2664, -4.4776, 9.7523

Details

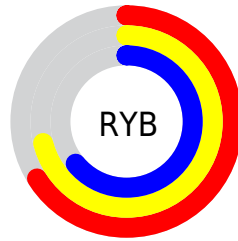
The XYZ color **41.3891, 43.9124, 40.9448** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2634, 38.7596, 49.2340**, and the grayscale version is **41.6127, 43.7799, 47.6763**.

A 20% lighter version of the original color is **76.7189, 81.3443, 77.9872**, and **18.9790, 20.1522, 17.9284** is the 20% darker color. If you saturate the color by 10%, you get **39.1003, 41.7468, 32.7453**, and if you desaturate by 10%, it is **43.9358, 46.2215, 50.3766**.

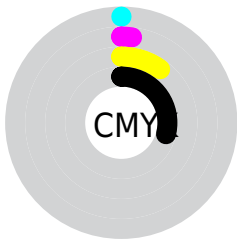
Distribution



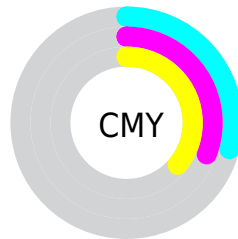
- Red (71%)
- Green (69%)
- Blue (64%)



- Red (66%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3891, 43.9124, 40.9448 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 41.3891, 43.9124, 40.9448 by changing the saturation by 10% instead.

■ 41.3891, 43.9124,
40.9448

■ 41.3891, 43.9124,
40.9448

342.9791,
362.3507, 365.7597

■ 28.8123, 30.6016,
27.9566

■ 76.5452, 81.0859,
77.8529

■ 19.0824, 20.2957,
18.0542

■ 99.8552, 105.7175,
102.6098

■ 11.8342, 12.6102,
10.8190

127.4735,
134.8914, 132.1266

■ 6.7023, 7.1607,
5.8326

159.7657,
168.9921, 166.8221

■ 3.3213, 3.5628,
2.6764

197.0970,
208.4040, 207.1145

■ 1.3259, 1.4321,
0.9315

239.8327,

■ 0.2024, 0.2402,

253.5115, 253.4226

0.0000

288.3383,
304.6989, 306.1648

■ 0.0000, 0.0000,
0.0000

■ 41.3891, 43.9124,
40.9448

■ 41.3891, 43.9124,
40.9448

■ 39.1003, 41.7468,
32.7453

■ 43.9358, 46.2215,
50.3766

■ 37.0559, 39.7146,
25.7234

■ 46.7463, 48.6724,
61.0865

■ 35.2463, 37.8131,
19.8247

■ 49.8307, 51.2708,
73.1214

■ 33.6599, 36.0373,
14.9893

■ 53.1975, 54.0206,
86.5251

■ 32.2842, 34.3819,
11.1517

■ 56.8547, 56.9251,
101.3393

■ 31.1051, 32.8409,
8.2391

■ 58.0204, 58.8720,
102.9132

■ 30.1066, 31.4077,
6.1687

■ 58.9703, 60.7718,
103.2298

■ 29.2702, 30.0743,
4.8431

■ 59.9449, 62.7211,
103.5547

■ 28.5574, 28.8252,
4.0616

■ 60.9444, 64.7201,
103.8878

Harmonies

Analogous

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



42.7039, 43.9124, 41.3683



41.3891, 43.9124, 40.9448



40.1928, 43.9124, 42.2832

Triad

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



41.3891, 43.9124, 40.9448



39.7590, 43.9124, 52.4339



44.1420, 43.9124, 50.6129

Complementary

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



41.3891, 43.9124, 40.9448



37.2634, 38.7596, 49.2340

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.



43.3211, 43.9124, 53.8053



41.3891, 43.9124, 40.9448



40.7856, 43.9124, 54.8949

Square

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



41.3891, 43.9124, 40.9448



39.2647, 43.9124, 48.8205



42.0877, 43.9124, 55.4096



44.3118, 43.9124, 46.8198

Rectangle

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



41.3891, 43.9124, 40.9448



39.6170, 43.9124, 44.0384



42.0877, 43.9124, 55.4096



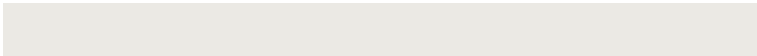
43.9322, 43.9124, 51.7976

Sweetspot

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



41.3903, 43.9143, 40.9457



77.2213, 81.4703, 84.7357



39.1474, 38.8162, 42.0858



16.6103, 17.5366, 18.0168



86.6293, 91.1408, 99.2523



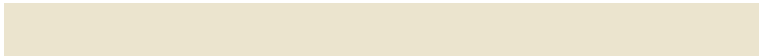
17.0014, 17.8868, 19.4787

Same Dimension

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



41.3903, 43.9143, 40.9457



73.1637, 77.7514, 69.8296



41.0851, 44.9461, 41.1610



9.0338, 9.5802, 9.0256



19.7371, 19.9728, 2.8149



0.6607, 0.7077, 0.1018

Inverse Universe

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



37.2634, 38.7596, 49.2340



64.2344, 66.5982, 87.7638



37.5442, 37.8341, 49.0406



8.1899, 8.5261, 10.7204



6.3210, 3.4423, 30.4683



0.2424, 0.1953, 0.9732

Previews

White Background



This preview shows how the XYZ color 41.3891, 43.9124, 40.9448 looks on a white background.

Color Contrast Check

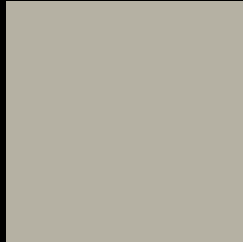
Large Text (above 18pt) WCAG AA × Fail

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 41.3891, 43.9124, 40.9448 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 41.3891, 43.9124, 40.9448

Background



This preview shows how black text looks on a background with the XYZ color 41.3891, 43.9124, 40.9448.



This preview shows how white text looks on a background with the XYZ color 41.3891, 43.9124,

40.9448.

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

41.3891, 43.9124, 40.9448

Protanopia

41.6646, 43.7623, 40.9013

Deuteranopia

44.8169, 43.9483, 41.2427



Tritanopia

43.6804, 43.6653, 53.1398

Trichromacy



Original Color

41.3891, 43.9124, 40.9448

Protanomaly

41.4276, 43.6401, 40.8902

Deuteranomaly

43.3826, 43.7739, 41.2847

Tritanomaly

42.7004, 43.5537, 48.2756

Monochromacy



Original Color

41.3891, 43.9124, 40.9448

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5286, 43.8878, 45.3121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3891, 43.9124, 40.9448 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(181, 177, 163)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 163)  
}
```

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(181, 177, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 163) }
```

Border

The CSS property to change the border of an element to XYZ 41.3891, 43.9124, 40.9448 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(181, 177, 163) }
```


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

```
.border{ border-color:rgb(181, 177, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 163);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3891, 43.9124, 40.9448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 163) }
```

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

```
.background{ background-color: rgb(181,  
177, 163) }
```

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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