

Converting Colors

XYZ(41.4809, 44.0303, 51.1122)

Have a look what the booklet for
XYZ(41.4809, 44.0303, 51.1122)
contains.

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Color

**XYZ(41.4809, 44.0303,
51.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB2B7
RGB	172, 178, 183
RGB Percent	67%, 70%, 72%
CMY	0.3255, 0.3019, 0.2823
CMYK	0.06, 0.03, 0.00, 0.28
HSL	207°, 7%, 70%
HSV	207°, 6%, 72%
XYZ	41.4809, 44.0303, 51.1122
YIQ	176.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

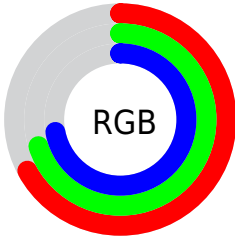
Format	Color
R _Y B	172, 176, 183
Decimal	11317943
CIE Lab	72.25, -1.12, -3.28
CIE LCh	72, 3.469, 251.163
Yxy	44.0303, 0.3036, 0.3223
Android (android.graphics.Color)	4289508023 (0xFFACB2B7)
YUV	176.7760, 3.0684, -4.1886
Hunter-Lab	66.3553, -4.5356, 0.7788

Details

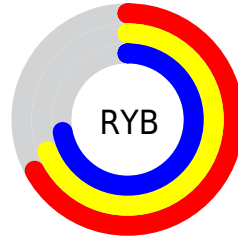
The XYZ color **41.4809, 44.0303, 51.1122** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6972, 44.4899, 45.3675**, and the grayscale version is **41.6598, 43.8294, 47.7302**.

A 20% lighter version of the original color is **76.6814, 81.4085, 93.3332**, and **19.1086, 20.2720, 24.0248** is the 20% darker color. If you saturate the color by 10%, you get **36.1337, 38.8931, 50.4031**, and if you desaturate by 10%, it is **47.4840, 49.6569, 51.8825**.

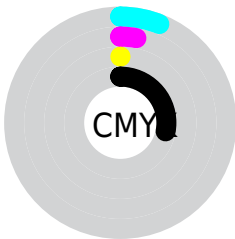
Distribution



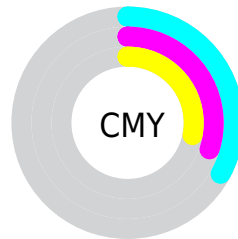
- Red (67%)
- Green (70%)
- Blue (72%)



- Red (67%)
- Yellow (69%)
- Blue (72%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4809, 44.0303, 51.1122 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 41.4809, 44.0303, 51.1122 by changing the saturation by 10% instead.

■ 41.4809, 44.0303,
51.1122

■ 41.4809, 44.0303,
51.1122

343.3549,
362.8319, 407.8585

■ 28.8844, 30.6943,
35.9206

■ 76.6835, 81.2633,
93.2338

■ 19.1372, 20.3662,
24.0836

100.0203,
105.9292, 121.0008

■ 11.8741, 12.6615,
15.1829

127.6678,
135.1405, 153.7968

■ 6.7296, 7.1959,
8.7998

159.9915,
169.2815, 192.0401

■ 3.3384, 3.5849,
4.5158

197.3567,
208.7368, 236.1494

■ 1.3351, 1.4442,
1.9124

240.1288,

■ 0.2093, 0.2489,

253.8907, 286.5432

0.5006

288.6730,
305.1276, 343.6401

■ 0.0000, 0.0000,
0.0000

■ 41.4809, 44.0303,
51.1122

■ 41.4809, 44.0303,
51.1122

■ 36.1337, 38.8931,
50.4031

■ 47.4840, 49.6569,
51.8825

■ 31.4145, 34.2246,
49.7507

■ 54.1621, 55.7817,
52.7128

■ 27.2985, 30.0107,
49.1543

■ 61.5381, 62.4202,
53.6053

■ 23.7582, 26.2344,
48.6120

■ 69.6329, 69.5855,
54.5617

■ 20.7636, 22.8772,
48.1218

■ 75.2688, 75.6418,
55.4337

■ 18.2815, 19.9194,
47.6817

■ 77.4999, 80.1039,
56.1774

■ 16.2750, 17.3387,
47.2894

■ 79.8409, 84.7859,
56.9577

■ 14.7016, 15.1100,
46.9421

■ 82.2934, 89.6909,
57.7752

■ 13.5068, 13.2021,
46.6368

■ 84.8588, 94.8218,
58.6304

Harmonies

Analogous

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



40.9935, 44.0303, 50.1322



41.4809, 44.0303, 51.1122



42.0715, 44.0303, 51.2308

Triad

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



41.4809, 44.0303, 51.1122



42.9828, 44.0303, 47.3095



41.1004, 44.0303, 45.5152

Complementary

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



41.4809, 44.0303, 51.1122



42.6972, 44.4899, 45.3675

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.



41.6282, 44.0303, 44.7961



41.4809, 44.0303, 51.1122



42.7173, 44.0303, 45.8156

Square

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



41.4809, 44.0303, 51.1122



42.9424, 44.0303, 49.0080



42.2202, 44.0303, 44.9047



40.7752, 44.0303, 46.8906

Rectangle

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



41.4809, 44.0303, 51.1122



42.4447, 44.0303, 50.8023



42.2202, 44.0303, 44.9047



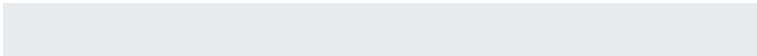
41.2598, 44.0303, 45.1902

Sweetspot

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



41.4822, 44.0322, 51.1132



78.4259, 82.7611, 92.0767



41.8783, 45.8107, 48.2047



17.3466, 18.3026, 20.3401



88.6918, 93.3107, 101.6153



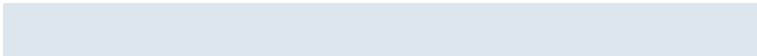
17.8044, 18.7317, 20.3988

Same Dimension

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



41.4822, 44.0322, 51.1132



73.1777, 77.8005, 91.3958



40.4187, 41.9052, 50.7587



9.1480, 9.7309, 11.4755



9.2019, 8.8635, 32.4789



0.3854, 0.4345, 1.1653

Inverse Universe

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



42.3179, 42.7876, 48.1500



74.9408, 75.1969, 85.1394



43.7958, 46.6871, 45.7337



9.3802, 9.3890, 10.6514



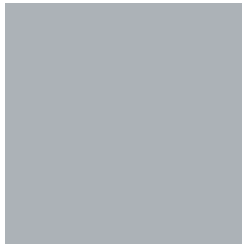
15.2584, 7.6771, 9.2474



0.5687, 0.2830, 0.4881

Previews

White Background



This preview shows how the XYZ color 41.4809, 44.0303, 51.1122 looks on a white background.

Color Contrast Check

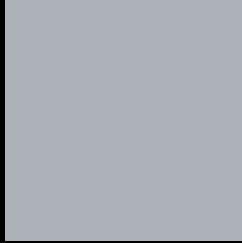
Large Text (above 18pt) WCAG AA × Fail

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 41.4809, 44.0303, 51.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

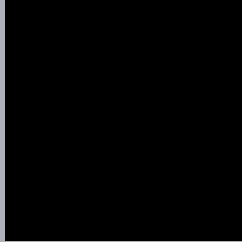
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4809, 44.0303, 51.1122

Background



This preview shows how black text looks on a background with the XYZ color 41.4809, 44.0303, 51.1122.



This preview shows how white text looks on a background with the XYZ color 41.4809, 44.0303,

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

41.4809, 44.0303, 51.1122

Protanopia

42.5592, 44.0118, 50.5080

Deuteranopia

44.8901, 44.0421, 51.4824



Tritanopia

42.3597, 44.0901, 55.5679

Trichromacy



Original Color

41.4809, 44.0303, 51.1122

Protanomaly

42.0701, 44.0518, 50.5415

Deuteranomaly

43.5549, 43.9231, 51.5298

Tritanomaly

42.0328, 43.9594, 53.8466

Monochromacy



Original Color

41.4809, 44.0303, 51.1122

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5380, 43.8129, 48.9153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4809, 44.0303, 51.1122 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(172, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 183)  
}
```

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(172, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.4809, 44.0303, 51.1122 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(172, 178, 183) }
```


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

```
.border{ border-color:rgb(172, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4809, 44.0303, 51.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 183) }
```

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

```
.background{ background-color: rgb(172,  
178, 183) }
```

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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