

Converting Colors

XYZ(41.1931, 44.1416, 51.1861)

Have a look what the booklet for
XYZ(41.1931, 44.1416, 51.1861)
contains.

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Color

**XYZ(41.2449, 44.2051,
51.1584)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB3B7
RGB	170, 179, 183
RGB Percent	67%, 70%, 72%
CMY	0.3333, 0.2980, 0.2823
CMYK	0.07, 0.02, 0.00, 0.28
HSL	198°, 8%, 69%
HSV	198°, 7%, 72%
XYZ	41.2449, 44.2051, 51.1584
YIQ	176.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

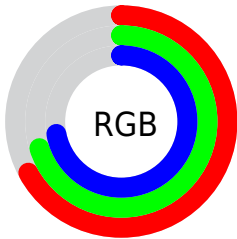
Format	Color
RYB	170, 175, 183
Decimal	11187127
CIELab	72.37, -2.34, -3.13
CIELCh	72, 3.909, 233.167
Yxy	44.2051, 0.3019, 0.3236
Android (android.graphics.Color)	4289377207 (0xFFAAB3B7)
YUV	176.7650, 3.0739, -5.9329
Hunter-Lab	66.4869, -5.6203, 0.9201

Details

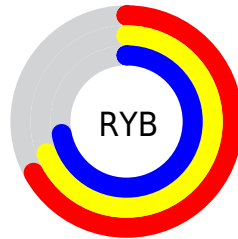
The XYZ color **41.2449, 44.2051, 51.1584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9204, 43.2414, 44.1679**, and the grayscale version is **41.6546, 43.8239, 47.7242**.

A 20% lighter version of the original color is **76.3397, 81.6562, 93.3990**, and **18.9613, 20.3850, 24.0544** is the 20% darker color. If you saturate the color by 10%, you get **36.4564, 40.0974, 50.6186**, and if you desaturate by 10%, it is **46.6327, 48.6925, 51.7413**.

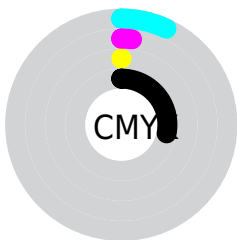
Distribution



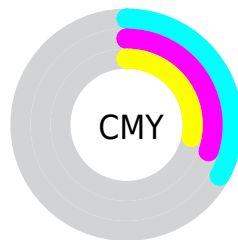
- Red (67%)
- Green (70%)
- Blue (72%)



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



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2449, 44.2051, 51.1584 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 41.2449, 44.2051, 51.1584 by changing the saturation by 10% instead.

■ 41.2449, 44.2051,
51.1584

■ 41.2449, 44.2051,
51.1584

342.3883,
363.5446, 408.0430

■ 28.6990, 30.8318,
35.9571

■ 76.3279, 81.5263,
93.3028

■ 18.9964, 20.4708,
24.1116

99.5957, 106.2429,
121.0829

■ 11.7717, 12.7377,
15.2035

127.1682,
135.5095, 153.8931

■ 6.6595, 7.2482,
8.8141

159.4107,
169.7103, 192.1518

■ 3.2945, 3.6178,
4.5250

196.6886,
209.2299, 236.2776

■ 1.3113, 1.4621,
1.9175

239.3673,

■ 0.1917, 0.2619,

254.4525, 286.6890

0.5039

287.8120,
305.7626, 343.8047

■ 0.0000, 0.0000,
0.0000

■ 41.2449, 44.2051,
51.1584

■ 41.2449, 44.2051,
51.1584

■ 36.4564, 40.0974,
50.6186

■ 46.6327, 48.6925,
51.7413

■ 32.2402, 36.3511,
50.1177

■ 52.6378, 53.5660,
52.3654

■ 28.5728, 32.9545,
49.6554

■ 59.2822, 58.8389,
53.0330

■ 25.4277, 29.8930,
49.2302

■ 66.5857, 64.5223,
53.7451

■ 22.7759, 27.1507,
48.8407

■ 72.1341, 69.3724,
54.3888

■ 20.5853, 24.7104,
48.4851

■ 73.5231, 72.1503,
54.8518

■ 18.8199, 22.5526,
48.1617

■ 74.9611, 75.0264,
55.3312

■ 17.4379, 20.6548,
47.8682

■ 76.4488, 78.0017,
55.8270

■ 16.3799, 18.9855,
47.6017

■ 77.9864, 81.0771,
56.3396

Harmonies

Analogous

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



40.8375, 44.2051, 49.6041



41.2449, 44.2051, 51.1584



41.8619, 44.2051, 51.9048

Triad

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



41.2449, 44.2051, 51.1584



43.3132, 44.2051, 48.5739



41.5087, 44.2051, 44.8055

Complementary

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



41.2449, 44.2051, 51.1584



41.9204, 43.2414, 44.1679

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.



42.1697, 44.2051, 44.5463



41.2449, 44.2051, 51.1584



43.2162, 44.2051, 46.6890

Square

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



41.2449, 44.2051, 51.1584



43.0595, 44.2051, 50.3871



42.7959, 44.2051, 45.2271



40.9887, 44.2051, 45.9449

Rectangle

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



41.2449, 44.2051, 51.1584



42.3110, 44.2051, 51.8301



42.7959, 44.2051, 45.2271



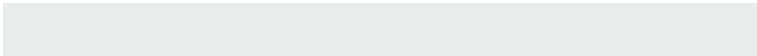
41.7216, 44.2051, 44.6139

Sweetspot

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



41.2462, 44.2070, 51.1594



78.6257, 83.1606, 92.1433



41.1420, 45.4659, 46.6014



17.3885, 18.3863, 20.3541



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.



41.2462, 44.2070, 51.1594



72.0302, 77.6136, 91.4202



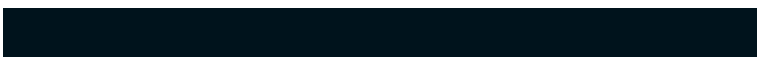
39.9925, 41.6997, 50.7415



9.0274, 9.7319, 11.4821



11.2957, 13.0511, 33.1768



0.4503, 0.5643, 1.1869

Inverse Universe

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



42.0409, 42.0723, 48.5549



73.8470, 72.7892, 85.4534



43.1870, 45.7746, 44.5901



9.2602, 9.1144, 10.7174



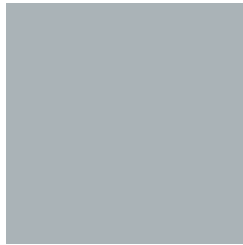
16.3152, 8.0999, 14.8127



0.6015, 0.2961, 0.6607

Previews

White Background



This preview shows how the XYZ color 41.2449, 44.2051, 51.1584 looks on a white background.

Color Contrast Check

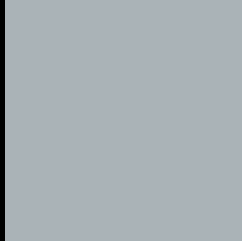
Large Text (above 18pt) WCAG AA × Fail

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 41.2449, 44.2051, 51.1584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

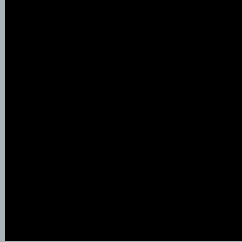
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

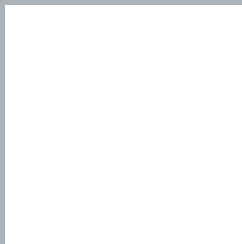
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2449, 44.2051, 51.1584

Background



This preview shows how black text looks on a background with the XYZ color 41.2449, 44.2051, 51.1584.



This preview shows how white text looks on a background with the XYZ color 41.2449, 44.2051,

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

41.2449, 44.2051, 51.1584

Protanopia

42.4562, 43.9706, 49.9655

Deuteranopia

44.8901, 44.0421, 51.4824



Tritanopia

42.2294, 44.3045, 56.1951

Trichromacy



Original Color

41.2449, 44.2051, 51.1584

Protanomaly

42.0701, 44.0518, 50.5415

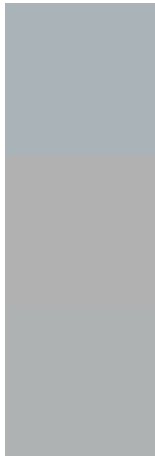
Deuteranomaly

43.5101, 44.1879, 51.5833

Tritanomaly

41.9003, 44.1728, 54.4619

Monochromacy



Original Color

41.2449, 44.2051, 51.1584

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5126, 44.0941, 48.9709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2449, 44.2051, 51.1584 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(170, 179, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 179, 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(170, 179, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 179, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.2449, 44.2051, 51.1584 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(170, 179, 183) }
```


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

```
.border{ border-color:rgb(170, 179, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 179, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 179, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 179, 183);  
box-shadow:4px 4px 4px 4px rgb(170, 179,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2449, 44.2051, 51.1584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 179, 183) }
```

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

```
.background{ background-color: rgb(170,  
179, 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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