

Converting Colors

XYZ(41.7518, 43.5835, 51.0117)

Have a look what the booklet for
XYZ(41.7518, 43.5835, 51.0117)
contains.

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Color

**XYZ(41.7518, 43.5835,
51.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB0B7
RGB	175, 176, 183
RGB Percent	69%, 69%, 72%
CMY	0.3137, 0.3098, 0.2823
CMYK	0.04, 0.04, 0.00, 0.28
HSL	232°, 5%, 70%
HSV	232°, 4%, 72%
XYZ	41.7518, 43.5835, 51.0117
YIQ	176.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

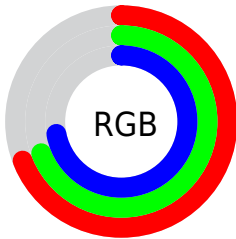
Format	Color
RYB	175, 176, 183
Decimal	11514039
CIELab	71.95, 0.99, -3.70
CIELCh	72, 3.829, 285.060
Yxy	43.5835, 0.3062, 0.3197
Android (android.graphics.Color)	4289704119 (0xFFAFB0B7)
YUV	176.4990, 3.2050, -1.3146
Hunter-Lab	66.0178, -2.6420, 0.3993

Details

The XYZ color **41.7518, 43.5835, 51.0117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9945, 46.6181, 47.2377**, and the grayscale version is **41.5133, 43.6752, 47.5623**.

A 20% lighter version of the original color is **77.3916, 80.9341, 93.2042**, and **19.4053, 20.2380, 24.0026** is the 20% darker color. If you saturate the color by 10%, you get **34.9642, 35.6977, 49.8480**, and if you desaturate by 10%, it is **49.4687, 52.5001, 52.3267**.

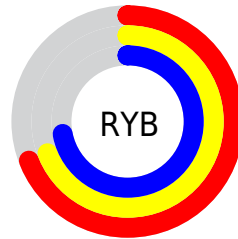
Distribution



Red (69%)

Green (69%)

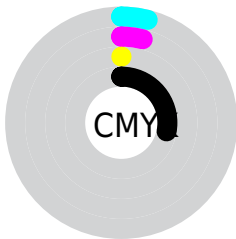
Blue (72%)



Red (69%)

Yellow (69%)

Blue (72%)

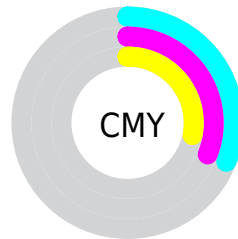


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7518, 43.5835, 51.0117 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 41.7518, 43.5835, 51.0117 by changing the saturation by 10% instead.

■ 41.7518, 43.5835,
51.0117

■ 41.7518, 43.5835,
51.0117

344.4622,
361.0059, 407.4571

■ 29.0973, 30.3432,
35.8411

■ 77.0914, 80.5906,
93.0837

■ 19.2991, 20.0992,
24.0228

100.5071,
105.1263, 120.8223

■ 11.9919, 12.4672,
15.1382

128.2406,
134.1958, 153.5873

■ 6.8103, 7.0627,
8.7687

160.6572,
168.1837, 191.7972

■ 3.3890, 3.5013,
4.4959

198.1224,
207.4742, 235.8706

■ 1.3627, 1.3987,
1.9011

241.0013,

■ 0.2294, 0.2158,

252.4518, 286.2260

0.4935

289.6595,
303.5010, 343.2820

■ 0.0000, 0.0000,
0.0000

■ 41.7518, 43.5835,
51.0117

■ 41.7518, 43.5835,
51.0117

■ 34.9642, 35.6977,
49.8480

■ 49.4687, 52.5001,
52.3267

■ 29.0670, 28.8002,
48.8275

■ 58.1443, 62.4772,
53.7952

■ 24.0242, 22.8534,
47.9454

■ 67.8113, 73.5502,
55.4230

■ 19.7960, 17.8154,
47.1958

■ 78.4997, 85.7509,
57.2147

■ 16.3392, 13.6411,
46.5723

■ 85.5474, 96.1990,
58.8599

■ 13.6066, 10.2816,
46.0679

■ 11.5460, 7.6828,
45.6749

■ 10.0978, 5.7842,
45.3847

■ 9.1913, 4.5154,
45.1876

Harmonies

Analogous

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



41.1020, 43.5835, 51.0137



41.7518, 43.5835, 51.0117



42.3197, 43.5835, 50.0398

Triad

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



41.7518, 43.5835, 51.0117



42.3178, 43.5835, 44.9557



40.2238, 43.5835, 46.5343

Complementary

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



41.7518, 43.5835, 51.0117



43.9945, 46.6181, 47.2377

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.



40.5427, 43.5835, 44.9608



41.7518, 43.5835, 51.0117



41.7493, 43.5835, 44.0658

Square

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



41.7518, 43.5835, 51.0117



42.6488, 43.5835, 46.5271



41.0995, 43.5835, 44.0676



40.2245, 43.5835, 48.3952

Rectangle

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



41.7518, 43.5835, 51.0117



42.5734, 43.5835, 48.9871



41.0995, 43.5835, 44.0676



40.2970, 43.5835, 45.9553

Sweetspot

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



41.7531, 43.5854, 51.0127



79.2259, 83.2077, 92.1208



43.0500, 46.3564, 50.8993



17.5143, 18.3962, 20.3493



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.



41.7531, 43.5854, 51.0127



73.8591, 76.9949, 91.2044



42.2228, 43.5368, 50.9785



9.1945, 9.5751, 11.4430



6.2040, 2.8677, 31.4796



0.2484, 0.1604, 1.1196

Inverse Universe

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



42.6959, 43.8627, 47.2924



75.8141, 77.5729, 83.4901



43.5100, 46.6742, 47.2740



9.4644, 9.6552, 10.3778



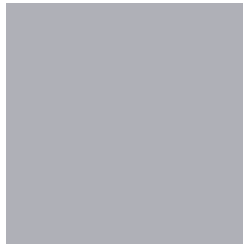
13.7452, 7.0718, 1.2790



0.4995, 0.2553, 0.1239

Previews

White Background



This preview shows how the XYZ color 41.7518, 43.5835, 51.0117 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 41.7518, 43.5835, 51.0117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

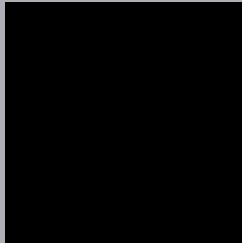
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7518, 43.5835, 51.0117

Background



This preview shows how black text looks on a background with the XYZ color 41.7518, 43.5835, 51.0117.



This preview shows how white text looks on a background with the XYZ color 41.7518, 43.5835,

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

41.7518, 43.5835, 51.0117

Protanopia

42.2373, 43.5438, 50.9784

Deuteranopia

44.4498, 43.5337, 51.4075



Tritanopia

42.4198, 43.5642, 54.3171

Trichromacy



Original Color

41.7518, 43.5835, 51.0117

Protanomaly

42.0087, 43.4260, 50.9677

Deuteranomaly

43.6029, 43.6621, 51.4769

Tritanomaly

42.2041, 43.4779, 53.1814

Monochromacy



Original Color

41.7518, 43.5835, 51.0117

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7633, 43.9291, 48.9258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7518, 43.5835, 51.0117 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(175, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 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(175, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.7518, 43.5835, 51.0117 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(175, 176, 183) }
```


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

```
.border{ border-color:rgb(175, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7518, 43.5835, 51.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 183) }
```

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

```
.background{ background-color: rgb(175,  
176, 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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