

Converting Colors

XYZ(41.8784, 43.3889, 51.6970)

Have a look what the booklet for
XYZ(41.8784, 43.3889, 51.6970)
contains.

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Color

**XYZ(41.8862, 43.3507,
51.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AFB8
RGB	176, 175, 184
RGB Percent	69%, 69%, 72%
CMY	0.3098, 0.3137, 0.2784
CMYK	0.04, 0.05, 0.00, 0.28
HSL	247°, 6%, 70%
HSV	247°, 5%, 72%
XYZ	41.8862, 43.3507, 51.5073
YIQ	176.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

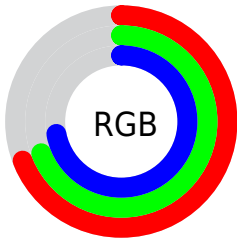
Format	Color
R _Y B	176, 175, 184
Decimal	11579320
CIE Lab	71.79, 2.08, -4.47
CIE LCh	72, 4.929, 294.940
Yxy	43.3507, 0.3063, 0.3170
Android (android.graphics.Color)	4289769400 (0xFFB0AFB8)
YUV	176.3250, 3.7838, -0.2850
Hunter-Lab	65.8412, -1.6659, -0.2934

Details

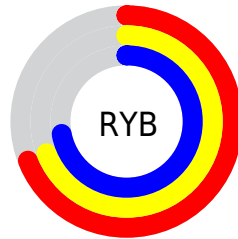
The XYZ color **41.8862, 43.3507, 51.5073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4083, 47.4445, 47.3767**, and the grayscale version is **41.4192, 43.5762, 47.4545**.

A 20% lighter version of the original color is **77.3037, 80.0407, 93.8131**, and **19.4919, 20.0897, 24.3231** is the 20% darker color. If you saturate the color by 10%, you get **35.0675, 34.8775, 50.2319**, and if you desaturate by 10%, it is **49.6412, 53.0334, 52.9682**.

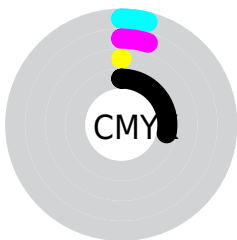
Distribution



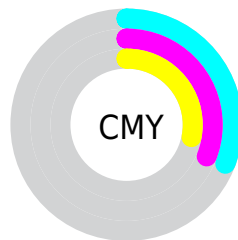
- Red (69%)
- Green (69%)
- Blue (72%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (31%)
- Yellow (28%)
- Black (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8862, 43.3507, 51.5073 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 41.8862, 43.3507, 51.5073 by changing the saturation by 10% instead.

■ 41.8862, 43.3507,
51.5073

■ 41.8862, 43.3507,
51.5073

345.0106,
360.0520, 409.4342

■ 29.2029, 30.1604,
36.2330

■ 77.2936, 80.2398,
93.8234

■ 19.3794, 19.9604,
24.3231

100.7484,
104.7074, 121.7022

■ 12.0504, 12.3662,
15.3590

128.5245,
133.7028, 154.6196

■ 6.8505, 6.9936,
8.9223

160.9871,
167.6106, 192.9941

■ 3.4142, 3.4581,
4.5944

198.5017,
206.8150, 237.2443

■ 1.3764, 1.3753,
1.9568

241.4336,

■ 0.2393, 0.1984,

251.7004, 287.7887

0.5285

290.1481,
302.6513, 345.0458

■ 0.0000, 0.0000,
0.0000

■ 41.8862, 43.3507,
51.5073

■ 41.8862, 43.3507,
51.5073

■ 35.0675, 34.8775,
50.2319

■ 49.6412, 53.0334,
52.9682

■ 29.1460, 27.5610,
49.1317

■ 58.3624, 63.9647,
54.6185

■ 24.0853, 21.3525,
48.2001

■ 68.0826, 76.1890,
56.4657

■ 19.8452, 16.1977,
47.4286

■ 78.8323, 89.7466,
58.5160

■ 16.3820, 12.0381,
46.8082

■ 85.6519, 96.2407,
59.4101

■ 13.6482, 8.8089,
46.3290

■ 11.5909, 6.4380,
45.9798

■ 10.1499, 4.8425,
45.7478

■ 9.2538, 3.9226,
45.6175

Harmonies

Analogous

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



41.0617, 43.3507, 51.9453



41.8862, 43.3507, 51.5073



42.5356, 43.3507, 49.9001

Triad

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



41.8862, 43.3507, 51.5073



42.1353, 43.3507, 43.5268



39.6205, 43.3507, 46.7961

Complementary

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



41.8862, 43.3507, 51.5073



44.4083, 47.4445, 47.3767

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.



39.8996, 43.3507, 44.6020



41.8862, 43.3507, 51.5073



41.3457, 43.3507, 42.7558

Square

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



41.8862, 43.3507, 51.5073



42.6808, 43.3507, 45.2837



40.5283, 43.3507, 43.1427



39.7608, 43.3507, 49.1728

Rectangle

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



41.8862, 43.3507, 51.5073



42.7779, 43.3507, 48.4098



40.5283, 43.3507, 43.1427



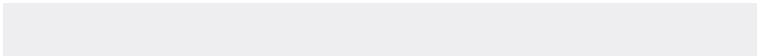
39.6682, 43.3507, 46.0136

Sweetspot

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



41.8875, 43.3525, 51.5083



81.1709, 85.1200, 94.3563



43.2864, 46.4840, 52.0390



17.5147, 18.3700, 20.3442



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.



41.8875, 43.3525, 51.5083



74.3458, 76.6126, 93.0739



42.8988, 43.8739, 51.5556



9.0468, 9.3078, 11.3992



6.1983, 2.5065, 31.4102



0.2491, 0.1041, 1.1087

Inverse Universe

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



43.6459, 44.2711, 51.0466



78.2928, 78.6746, 92.0295



43.3778, 46.9133, 47.3284



9.5638, 9.5779, 11.2620



18.2330, 8.8669, 24.9114



0.6551, 0.3175, 0.9431

Previews

White Background



This preview shows how the XYZ color 41.8862, 43.3507, 51.5073 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 41.8862, 43.3507, 51.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

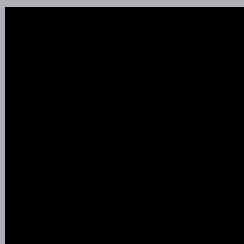
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

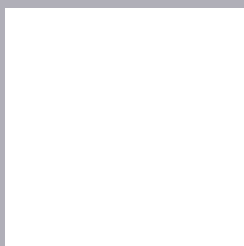
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8862, 43.3507, 51.5073

Background



This preview shows how black text looks on a background with the XYZ color 41.8862, 43.3507, 51.5073.



This preview shows how white text looks on a background with the XYZ color 41.8862, 43.3507,

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

41.8862, 43.3507, 51.5073

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.3061, 43.4474, 51.9499



Tritanopia

42.3446, 43.2501, 53.6932

Trichromacy



Original Color

41.8862, 43.3507, 51.5073

Protanomaly

42.1132, 43.4677, 51.5179

Deuteranomaly

43.2766, 43.1982, 51.9561

Tritanomaly

42.2372, 43.2071, 53.1274

Monochromacy



Original Color

41.8862, 43.3507, 51.5073

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5665, 43.5354, 48.8602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8862, 43.3507, 51.5073 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(176, 175, 184)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 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(176, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.8862, 43.3507, 51.5073 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(176, 175, 184) }
```


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

```
.border{ border-color:rgb(176, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8862, 43.3507, 51.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 184) }
```

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

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