

Converting Colors

XYZ(42.4800, 44.7279, 51.8656)

Have a look what the booklet for
XYZ(42.4800, 44.7279, 51.8656)
contains.

XYZ(42.4510, 44.8149, 51.7601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.4510, 44.8149,
51.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB3B8
RGB	175, 179, 184
RGB Percent	69%, 70%, 72%
CMY	0.3137, 0.2980, 0.2784
CMYK	0.05, 0.03, 0.00, 0.28
HSL	213°, 6%, 70%
HSV	213°, 5%, 72%
XYZ	42.4510, 44.8149, 51.7601
YIQ	178.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

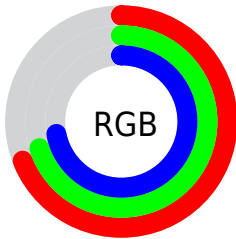
Format	Color
RYB	175, 178, 184
Decimal	11514808
CIELab	72.77, -0.43, -3.04
CIELCh	73, 3.069, 261.902
Yxy	44.8149, 0.3053, 0.3223
Android (android.graphics.Color)	4289704888 (0xFFAFB3B8)
YUV	178.3740, 2.7736, -2.9590
Hunter-Lab	66.9439, -3.9601, 1.0186

Details

The XYZ color **42.4510, 44.8149, 51.7601** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8263, 45.9273, 47.1130**, and the grayscale version is **42.5034, 44.7168, 48.6966**.

A 20% lighter version of the original color is **78.3915, 82.6969, 94.2685**, and **19.7260, 20.7714, 24.4423** is the 20% darker color. If you saturate the color by 10%, you get **36.6275, 38.8862, 50.9234**, and if you desaturate by 10%, it is **48.9916, 51.3409, 52.6757**.

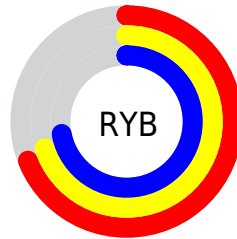
Distribution



Red (69%)

Green (70%)

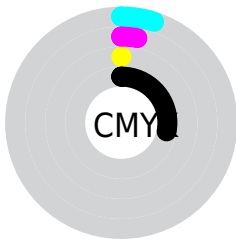
Blue (72%)



Red (69%)

Yellow (70%)

Blue (72%)

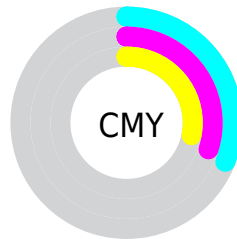


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4510, 44.8149, 51.7601 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 42.4510, 44.8149, 51.7601 by changing the saturation by 10% instead.

■ 42.4510, 44.8149,
51.7601

■ 42.4510, 44.8149,
51.7601

347.3090,
366.0234, 410.4403

■ 29.6472, 31.3117,
36.4330

■ 78.1426, 82.4426,
94.2003

■ 19.7177, 20.8363,
24.4764

101.7612,
107.3358, 122.1505

■ 12.2971, 13.0044,
15.4720

129.7155,
136.7945, 155.1454

■ 7.0200, 7.4316,
9.0010

162.3707,
171.2030, 193.6036

■ 3.5210, 3.7334,
4.6450

200.0924,
210.9457, 237.9437

■ 1.4349, 1.5256,
1.9855

243.2457,

■ 0.2809, 0.3066,

256.4071, 288.5841

0.5463

292.1961,
307.9715, 345.9435

■ 0.0000, 0.0000,
0.0000

■ 42.4510, 44.8149,
51.7601

■ 42.4510, 44.8149,
51.7601

■ 36.6275, 38.8862,
50.9234

■ 48.9916, 51.3409,
52.6757

■ 31.4912, 33.5309,
50.1604

■ 56.2698, 58.4759,
53.6693

■ 27.0161, 28.7318,
49.4699

■ 64.3102, 66.2382,
54.7438

■ 23.1725, 24.4684,
48.8496

■ 73.1352, 74.6438,
55.9011

■ 19.9288, 20.7189,
48.2968

■ 78.2116, 81.3602,
56.9300

■ 17.2499, 17.4598,
47.8090

■ 81.1397, 87.2165,
57.9060

■ 15.0971, 14.6652,
47.3830

■ 84.2373, 93.4116,
58.9385

■ 13.4259, 12.3060,
47.0157

■ 85.6519, 96.2407,
59.4100

■ 12.1829, 10.3482,
46.7033

Harmonies

Analogous

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



41.9659, 44.8149, 51.1426



42.4510, 44.8149, 51.7601



42.9787, 44.8149, 51.5704

Triad

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



42.4510, 44.8149, 51.7601



43.5533, 44.8149, 47.7090



41.7937, 44.8149, 47.0069

Complementary

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



42.4510, 44.8149, 51.7601



43.8263, 45.9273, 47.1130

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.



42.2140, 44.8149, 46.1226



42.4510, 44.8149, 51.7601



43.2308, 44.8149, 46.5220

Square

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



42.4510, 44.8149, 51.7601



43.6181, 44.8149, 49.2105



42.7398, 44.8149, 45.9469



41.5885, 44.8149, 48.3835

Rectangle

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



42.4510, 44.8149, 51.7601



43.2834, 44.8149, 51.0134



42.7398, 44.8149, 45.9469



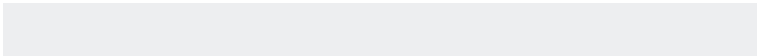
41.9143, 44.8149, 46.6434

Sweetspot

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



42.4523, 44.8168, 51.7611



81.3921, 85.6945, 94.4555



43.0534, 46.6889, 49.8966



17.5599, 18.4874, 20.3645



88.6918, 93.3107, 101.6153



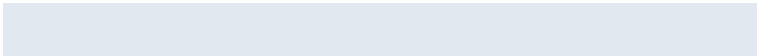
17.8044, 18.7317, 20.3988

Same Dimension

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



42.4523, 44.8168, 51.7611



75.6107, 79.8852, 93.6389



41.7627, 43.2874, 51.5022



9.2122, 9.7357, 11.4731



8.1025, 6.6647, 32.1124



0.3475, 0.3587, 1.1527

Inverse Universe

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



43.2348, 44.1057, 48.8847



77.3697, 78.3054, 87.1686



44.5385, 47.5117, 47.3813



9.4428, 9.5295, 10.6247



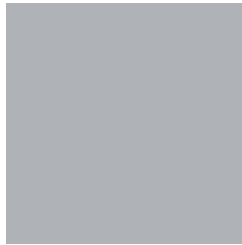
14.7035, 7.4551, 6.3252



0.5496, 0.2753, 0.3875

Previews

White Background



This preview shows how the XYZ color 42.4510, 44.8149, 51.7601 looks on a white background.

Color Contrast Check

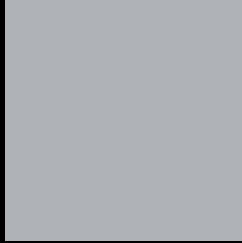
Large Text (above 18pt) WCAG AA × Fail

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 42.4510, 44.8149, 51.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

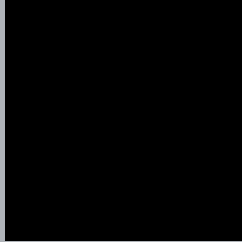
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4510, 44.8149, 51.7601

Background



This preview shows how black text looks on a background with the XYZ color 42.4510, 44.8149, 51.7601.



This preview shows how white text looks on a background with the XYZ color 42.4510, 44.8149,

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

42.4510, 44.8149, 51.7601

Protanopia

43.0918, 44.5665, 51.1308

Deuteranopia

45.6928, 44.7274, 52.1239



Tritanopia

43.3393, 44.8767, 56.2470

Trichromacy



Original Color

42.4510, 44.8149, 51.7601

Protanomaly

42.8277, 44.7247, 51.1752

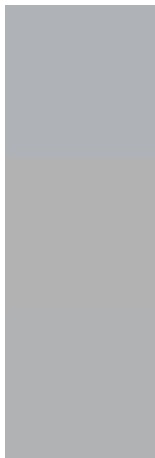
Deuteranomaly

44.3366, 44.6018, 52.1712

Tritanomaly

43.0102, 44.7450, 54.5139

Monochromacy



Original Color

42.4510, 44.8149, 51.7601

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2901, 44.4832, 49.5372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4510, 44.8149, 51.7601 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(175, 179, 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(175, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.4510, 44.8149, 51.7601 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, 179, 184) }
```


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

```
.border{ border-color:rgb(175, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(175, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4510, 44.8149, 51.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 179, 184) }
```

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

```
.background{ background-color: rgb(175,  
179, 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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