

Converting Colors

XYZ(42.3353, 43.0860, 51.2896)

Have a look what the booklet for
XYZ(42.3353, 43.0860, 51.2896)
contains.

XYZ(42.4177, 43.0511, 51.4214)	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(42.4177, 43.0511,
51.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ADB8
RGB	180, 173, 184
RGB Percent	71%, 68%, 72%
CMY	0.2941, 0.3216, 0.2784
CMYK	0.02, 0.06, 0.00, 0.28
HSL	278°, 7%, 70%
HSV	278°, 6%, 72%
XYZ	42.4177, 43.0511, 51.4214
YIQ	176.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

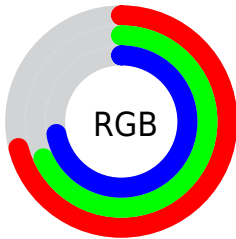
Format	Color
R _{YB}	180, 173, 184
Decimal	11840952
CIE Lab	71.59, 4.55, -4.73
CIE LCh	72, 6.568, 313.906
Yxy	43.0511, 0.3099, 0.3145
Android (android.graphics.Color)	4290031032 (0xFFB4ADB8)
YUV	176.3470, 3.7729, 3.2037
Hunter-Lab	65.6133, 0.5733, -0.5364

Details

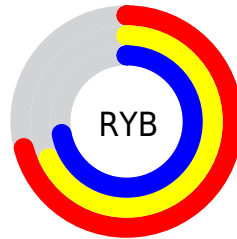
The XYZ color **42.4177, 43.0511, 51.4214** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8163, 46.6463, 46.2842**, and the grayscale version is **41.4296, 43.5872, 47.4665**.

A 20% lighter version of the original color is **78.0637, 79.6109, 93.6901**, and **19.6865, 19.8255, 24.2618** is the 20% darker color. If you saturate the color by 10%, you get **37.6095, 35.6914, 50.2549**, and if you desaturate by 10%, it is **47.7896, 51.4251, 52.7553**.

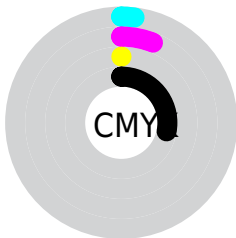
Distribution



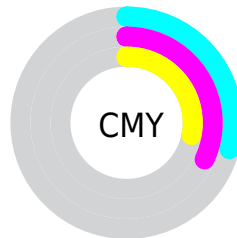
- Red (71%)
- Green (68%)
- Blue (72%)



- Red (71%)
- Yellow (68%)
- Blue (72%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (32%)
- Yellow (28%)
- Black (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4177, 43.0511, 51.4214 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 42.4177, 43.0511, 51.4214 by changing the saturation by 10% instead.

■ 42.4177, 43.0511,
51.4214

■ 42.4177, 43.0511,
51.4214

347.1738,
358.8219, 409.0920

■ 29.6210, 29.9252,
36.1650

■ 78.0926, 79.7880,
93.6952

■ 19.6978, 19.7818,
24.2710

101.7016,
104.1677, 121.5498

■ 12.2825, 12.2366,
15.3207

129.6453,
133.0676, 154.4408

■ 7.0100, 6.9050,
8.8957

162.2893,
166.8719, 192.7869

■ 3.5147, 3.4028,
4.5773

199.9987,
205.9651, 237.0065

■ 1.4314, 1.3454,
1.9471

243.1391,

■ 0.2785, 0.1760,

250.7316, 287.5182

0.5225

292.0756,
301.5557, 344.7405

■ 0.0000, 0.0000,
0.0000

■ 42.4177, 43.0511,
51.4214

■ 42.4177, 43.0511,
51.4214

■ 37.6095, 35.6914,
50.2549

■ 47.7896, 51.4251,
52.7553

■ 33.3403, 29.3004,
49.2463

■ 53.7410, 60.8456,
54.2599

■ 29.5894, 23.8373,
48.3895

■ 60.2918, 71.3502,
55.9423

■ 26.3329, 19.2561,
47.6769

■ 67.4598, 82.9730,
57.8079

■ 23.5449, 15.5068,
47.1002

■ 71.9867, 89.1961,
58.7705

■ 21.1972, 12.5343,
46.6502

■ 73.9738, 90.2205,
58.8635

■ 19.2577, 10.2766,
46.3166

■ 76.0421, 91.2867,
58.9603

■ 17.6897, 8.6618,
46.0876

■ 78.1923, 92.3952,
59.0609

■ 16.4463, 7.5982,
45.9478

■ 80.4255, 93.5465,
59.1654

Harmonies

Analogous

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



41.4342, 43.0511, 53.0664



42.4177, 43.0511, 51.4214



43.0052, 43.0511, 48.5913

Triad

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



42.4177, 43.0511, 51.4214



41.5136, 43.0511, 41.2410



38.8806, 43.0511, 48.3607

Complementary

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



42.4177, 43.0511, 51.4214



42.8163, 46.6463, 46.2842

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.



38.9010, 43.0511, 45.2002



42.4177, 43.0511, 51.4214



40.4077, 43.0511, 41.1855

Square

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



42.4177, 43.0511, 51.4214



42.4768, 43.0511, 42.7605



39.4556, 43.0511, 42.6054



39.3993, 43.0511, 51.2460

Rectangle

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



42.4177, 43.0511, 51.4214



43.0866, 43.0511, 46.4599



39.4556, 43.0511, 42.6054



38.8249, 43.0511, 47.2932

Sweetspot

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



42.4189, 43.0529, 51.4223



80.6103, 83.8059, 94.1321



41.6157, 43.8041, 51.6097



17.4000, 18.1012, 20.2984



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.



42.4189, 43.0529, 51.4223



75.8499, 76.4310, 92.9595



43.2107, 43.4788, 50.6611



9.2611, 9.3111, 11.3885



11.1057, 5.0364, 31.6399



0.4568, 0.2112, 1.1184

Inverse Universe

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



42.6480, 43.2537, 47.6980



76.3461, 76.8644, 84.9584



42.0612, 46.2405, 46.9937



9.3250, 9.3669, 10.3606



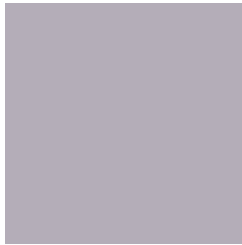
14.3513, 7.3143, 4.4708



0.5362, 0.2699, 0.3168

Previews

White Background



This preview shows how the XYZ color 42.4177, 43.0511, 51.4214 looks on a white background.

Color Contrast Check

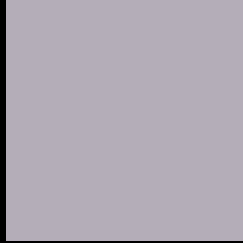
Large Text (above 18pt) WCAG AA × Fail

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 42.4177, 43.0511, 51.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

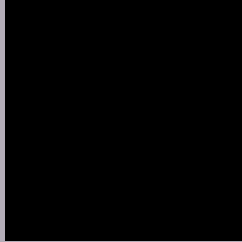
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4177, 43.0511, 51.4214

Background



This preview shows how black text looks on a background with the XYZ color 42.4177, 43.0511, 51.4214.



This preview shows how white text looks on a background with the XYZ color 42.4177, 43.0511,

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

42.4177, 43.0511, 51.4214

Protanopia

41.7975, 43.0050, 51.9968

Deuteranopia

43.8707, 42.9436, 51.8756



Tritanopia

42.6289, 43.1356, 52.5336

Trichromacy



Original Color

42.4177, 43.0511, 51.4214

Protanomaly

42.0245, 43.1220, 52.0074

Deuteranomaly

43.3274, 42.9429, 51.9041

Tritanomaly

42.5229, 43.0932, 51.9756

Monochromacy



Original Color

42.4177, 43.0511, 51.4214

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.5981, 43.2617, 48.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4177, 43.0511, 51.4214 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(180, 173, 184) looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 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(180, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.4177, 43.0511, 51.4214 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(180, 173, 184) }
```


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

```
.border{ border-color:rgb(180, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4177, 43.0511, 51.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 184) }
```

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

```
.background{ background-color: rgb(180,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor