

Converting Colors

XYZ(50.3976, 59.0641, 43.3946)

Have a look what the booklet for
XYZ(50.3976, 59.0641, 43.3946)
contains.

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Color

**XYZ(50.3976, 59.0641,
43.3946)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD1A3
RGB	189, 209, 163
RGB Percent	74%, 82%, 64%
CMY	0.2588, 0.1804, 0.3608
CMYK	0.10, 0.00, 0.22, 0.18
HSL	86°, 33%, 73%
HSV	86°, 22%, 82%
XYZ	50.3976, 59.0641, 43.3946
YIQ	197.7760, 2.8460, -18.5460

Conversions

Conversions Part 2

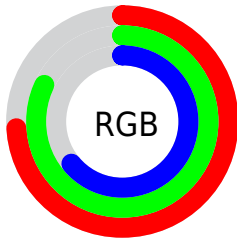
Format	Color
RYB	163, 209, 183
Decimal	12439971
CIELab	81.33, -14.82, 20.62
CIElCh	81, 25.394, 125.698
Yxy	59.0641, 0.3297, 0.3864
Android (android.graphics.Color)	4290630051 (0xFFBDD1A3)
YUV	197.7760, -17.1446, -7.6966
Hunter-Lab	76.8532, -17.4390, 20.3195

Details

The XYZ color **50.3976, 59.0641, 43.3946** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.1366, 40.8667, 65.8866**, and the grayscale version is **53.6414, 56.4349, 61.4576**.

A 20% lighter version of the original color is **86.4209, 96.1748, 80.3384**, and **24.5823, 29.7413, 19.4839** is the 20% darker color. If you saturate the color by 10%, you get **46.4938, 57.2522, 34.2314**, and if you desaturate by 10%, it is **54.7554, 61.0778, 54.1970**.

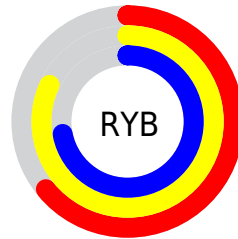
Distribution



Red (74%)

Green (82%)

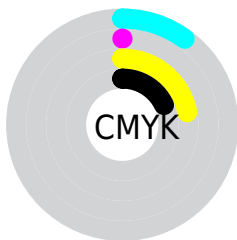
Blue (64%)



Red (64%)

Yellow (82%)

Blue (72%)

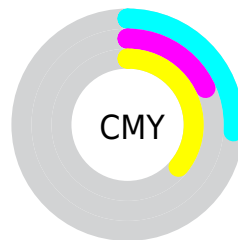


Cyan (10%)

Magenta (0%)

Yellow (22%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3976, 59.0641, 43.3946 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 50.3976, 59.0641, 43.3946 by changing the saturation by 10% instead.

■ 50.3976, 59.0641,
43.3946

■ 50.3976, 59.0641,
43.3946

378.6451,
421.1394, 376.2008

■ 35.9485, 42.6647,
29.8612

■ 89.9520, 103.4708,
81.5987

■ 24.5644, 29.6221,
19.4821

■ 115.7880,
132.2470, 107.1065

■ 15.8798, 19.5520,
11.8388

146.1504,
165.9175, 137.4428

■ 9.5294, 12.0698,
6.5128

181.4045,
204.8667, 173.0261

■ 5.1479, 6.7912,
3.0855

221.9157,
249.4792, 214.2750

■ 2.3700, 3.3319,
1.1385

268.0492,

■ 0.8301, 1.3074,

300.1392, 261.6081

0.0000

320.1706,
357.2311, 315.4439

■ 0.0000, 0.1469,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.3976, 59.0641,
43.3946

■ 50.3976, 59.0641,
43.3946

■ 46.4938, 57.2522,
34.2314

■ 54.7554, 61.0778,
54.1970

■ 43.0214, 55.6269,
26.6234

■ 59.5791, 63.2926,
66.7094

■ 39.9631, 54.1830,
20.4850

■ 64.8861, 65.7176,
81.0031

■ 37.2979, 52.9117,
15.7208

■ 70.6911, 68.3589,
97.1442

■ 35.0028, 51.8036,
12.2242

■ 74.9290, 70.3909,
104.2454

■ 33.0517, 50.8478,
9.8726

■ 77.9975, 71.9727,
104.3890

■ 31.4138, 50.0316,
8.5194

■ 81.2215, 73.6347,
104.5398

■ 30.2892, 49.4633,
7.9510

■ 82.0917, 74.0834,
104.5806

Harmonies

Analogous

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



55.1326, 59.0641, 39.4136



50.3976, 59.0641, 43.3946



47.3505, 59.0641, 53.0278

Triad

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



50.3976, 59.0641, 43.3946



52.0467, 59.0641, 94.7591



66.9062, 59.0641, 61.4553

Complementary

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



50.3976, 59.0641, 43.3946



44.1366, 40.8667, 65.8866

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.



65.9520, 59.0641, 77.0905



50.3976, 59.0641, 43.3946



57.1569, 59.0641, 97.9576

Square

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



50.3976, 59.0641, 43.3946



48.2599, 59.0641, 82.8961



62.2999, 59.0641, 91.0549



64.8314, 59.0641, 48.7343

Rectangle

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



50.3976, 59.0641, 43.3946



46.5740, 59.0641, 62.1454



62.2999, 59.0641, 91.0549



66.9306, 59.0641, 66.5259

Sweetspot

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



50.3992, 59.0667, 43.3959



89.5098, 97.4607, 94.3298



49.8273, 50.0412, 41.6839



19.0603, 20.8154, 19.9354



0.0000, 0.0000, 0.0000



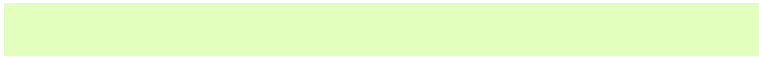
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3992, 59.0667, 43.3959



76.3301, 91.3773, 61.5881



45.1530, 56.3622, 43.1504



12.2864, 13.5311, 12.5762



18.7894, 30.5553, 4.9075



1.1407, 1.7549, 0.2786

Inverse Universe

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



44.1366, 40.8667, 65.8866



64.9563, 58.3193, 102.4409



50.0432, 43.9117, 66.1631



11.6444, 11.6655, 14.8816



9.8575, 4.2620, 37.4956



0.6414, 0.2848, 2.1007

Previews

White Background



This preview shows how the XYZ color 50.3976, 59.0641, 43.3946 looks on a white background.

Color Contrast Check

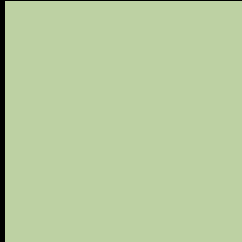
Large Text (above 18pt) WCAG AA × Fail

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 50.3976, 59.0641, 43.3946 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

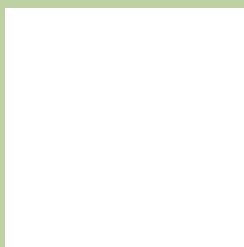
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3976, 59.0641, 43.3946

Background



This preview shows how black text looks on a background with the XYZ color 50.3976, 59.0641, 43.3946.



This preview shows how white text looks on a background with the XYZ color 50.3976, 59.0641,

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

50.3976, 59.0641, 43.3946

Protanopia

55.1690, 58.7236, 41.2280

Deuteranopia

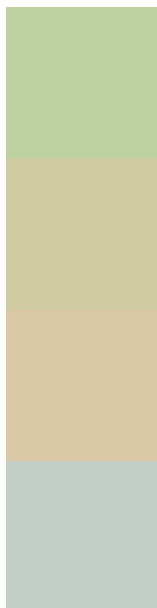
60.1064, 58.8292, 44.2636



Tritanopia

56.8014, 59.1733, 74.7575

Trichromacy



Original Color

50.3976, 59.0641, 43.3946

Protanomaly

53.3916, 58.8456, 41.8020

Deuteranomaly

56.1284, 58.4689, 43.9246

Tritanomaly

54.2725, 59.2092, 61.9941

Monochromacy



Original Color

50.3976, 59.0641, 43.3946

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3832, 57.3459, 54.2069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3976, 59.0641, 43.3946 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(189, 209, 163)` looks like.

```
.text, #text, p{  
    color:rgb(189, 209, 163)  
}
```

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(189, 209, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 209, 163) }
```

Border

The CSS property to change the border of an element to XYZ 50.3976, 59.0641, 43.3946 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(189, 209, 163) }
```


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

```
.border{ border-color:rgb(189, 209, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 209, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 209, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 209, 163);  
box-shadow:4px 4px 4px 4px rgb(189, 209,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3976, 59.0641, 43.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 209, 163) }
```

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

```
.background{ background-color: rgb(189,  
209, 163) }
```

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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