

Converting Colors

XYZ(40.7691, 42.9303, 54.5260)

Have a look what the booklet for
XYZ(40.7691, 42.9303, 54.5260)
contains.

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Color

**XYZ(40.8591, 43.0496,
54.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B0BD
RGB	168, 176, 189
RGB Percent	66%, 69%, 74%
CMY	0.3412, 0.3098, 0.2588
CMYK	0.11, 0.07, 0.00, 0.26
HSL	217°, 14%, 70%
HSV	217°, 11%, 74%
XYZ	40.8591, 43.0496, 54.3000
YIQ	175.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

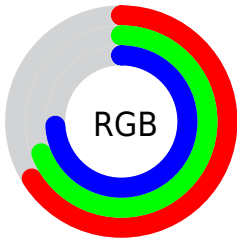
Format	Color
R _Y B	168, 174, 189
Decimal	11055293
CIE Lab	71.59, -0.18, -7.59
CIE LCh	72, 7.590, 268.647
Yxy	43.0496, 0.2956, 0.3115
Android (android.graphics.Color)	4289245373 (0xFFA8B0BD)
YUV	175.0900, 6.8576, -6.2179
Hunter-Lab	65.6122, -3.6629, -3.1393

Details

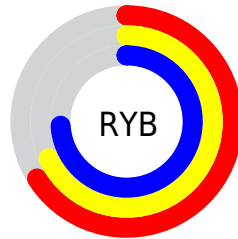
The XYZ color **40.8591, 43.0496, 54.3000** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5783, 46.6935, 43.7099**, and the grayscale version is **40.7641, 42.8870, 46.7039**.

A 20% lighter version of the original color is **75.7695, 79.9938, 97.8331**, and **18.8540, 19.9059, 26.1411** is the 20% darker color. If you saturate the color by 10%, you get **34.9287, 36.7339, 53.3942**, and if you desaturate by 10%, it is **47.5746, 50.0658, 55.3010**.

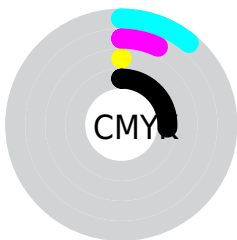
Distribution



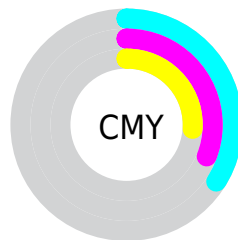
- Red (66%)
- Green (69%)
- Blue (74%)



- Red (66%)
- Yellow (68%)
- Blue (74%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8591, 43.0496, 54.3000 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 40.8591, 43.0496, 54.3000 by changing the saturation by 10% instead.

■ 40.8591, 43.0496,
54.3000

■ 40.8591, 43.0496,
54.3000

340.8040,
358.8157, 420.4599

■ 28.3962, 29.9240,
38.4468

■ 75.7460, 79.7857,
97.9754

■ 18.7665, 19.7809,
26.0251

■ 98.9007, 104.1650,
126.6347

■ 11.6047, 12.2359,
16.6165

126.3501,
133.0644, 160.3997

■ 6.5454, 6.9046,
9.8024

158.4595,
166.8682, 199.6890

■ 3.2232, 3.4025,
5.1642

195.5942,
205.9608, 244.9211

■ 1.2729, 1.3453,
2.2835

238.1196,

■ 0.1628, 0.1759,

250.7267, 296.5146

0.7220

286.4011,
301.5502, 354.8880

■ 0.0000, 0.0000,
0.0000

■ 40.8591, 43.0496,
54.3000

■ 40.8591, 43.0496,
54.3000

■ 34.9287, 36.7339,
53.3942

■ 47.5746, 50.0658,
55.3010

■ 29.7495, 31.0903,
52.5778

■ 55.0996, 57.7987,
56.3970

■ 25.2906, 26.0965,
51.8489

■ 63.4625, 66.2710,
57.5915

■ 21.5175, 21.7267,
51.2043

■ 72.6889, 75.5024,
58.8871

■ 18.3926, 17.9530,
50.6407

■ 79.9890, 84.0613,
60.1544

■ 15.8743, 14.7454,
50.1543

■ 83.4395, 90.9623,
61.3045

■ 13.9158, 12.0703,
49.7411

■ 86.1854, 96.4542,
62.2198

■ 12.4621, 9.8897,
49.3969

■ 11.5042, 8.3117,
49.1428

Harmonies

Analogous

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



39.6468, 43.0496, 53.1718



40.8591, 43.0496, 54.3000



42.1118, 43.0496, 53.3535

Triad

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



40.8591, 43.0496, 54.3000



43.1214, 43.0496, 43.5665



38.8460, 43.0496, 43.2918

Complementary

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



40.8591, 43.0496, 54.3000



44.5783, 46.6935, 43.7099

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.



39.7457, 43.0496, 40.9410



40.8591, 43.0496, 54.3000



42.2148, 43.0496, 41.0937

Square

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



40.8591, 43.0496, 54.3000



43.4343, 43.0496, 47.0408



40.9757, 43.0496, 40.1574



38.4996, 43.0496, 46.7070

Rectangle

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



40.8591, 43.0496, 54.3000



42.7978, 43.0496, 51.6999



40.9757, 43.0496, 40.1574



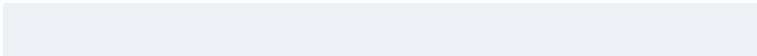
39.0928, 43.0496, 42.3576

Sweetspot

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



40.8604, 43.0514, 54.3010



82.7635, 87.1336, 98.6826



42.6822, 48.0549, 50.7159



17.5826, 18.5138, 21.1894



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.8604, 43.0514, 54.3010



70.8376, 74.6290, 96.8975



39.8638, 40.2766, 53.8179



9.3065, 9.8053, 12.0743



7.8090, 5.7297, 33.0873



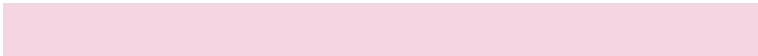
0.3695, 0.3516, 1.3173

Inverse Universe

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



42.8264, 41.9596, 46.9181



74.9793, 72.3948, 81.3296



45.6498, 49.7312, 44.2397



9.6766, 9.5949, 10.6857



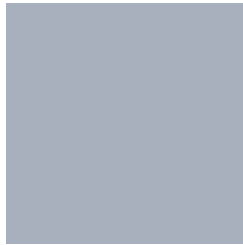
14.9424, 7.6081, 4.9901



0.6174, 0.3109, 0.3645

Previews

White Background



This preview shows how the XYZ color 40.8591, 43.0496, 54.3000 looks on a white background.

Color Contrast Check

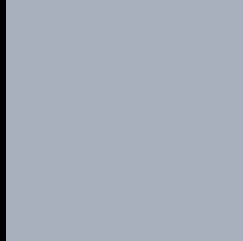
Large Text (above 18pt) WCAG AA × Fail

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 40.8591, 43.0496, 54.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

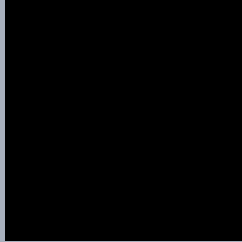
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8591, 43.0496, 54.3000

Background



This preview shows how black text looks on a background with the XYZ color 40.8591, 43.0496, 54.3000.

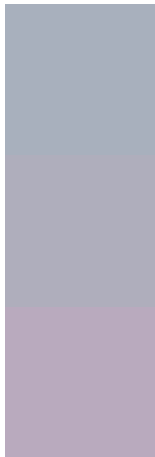


This preview shows how white text looks on a background with the XYZ color 40.8591, 43.0496,

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

40.8591, 43.0496, 54.3000

Protanopia

41.8923, 43.0169, 53.6721

Deuteranopia

43.6766, 42.7814, 54.6708



Tritanopia

40.9680, 43.0932, 54.8738

Trichromacy



Original Color

40.8591, 43.0496, 54.3000

Protanomaly

41.4203, 43.0614, 53.7056

Deuteranomaly

42.6372, 42.8065, 54.7304

Tritanomaly

40.9680, 43.0932, 54.8738

Monochromacy



Original Color

40.8591, 43.0496, 54.3000

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5814, 42.7259, 49.2881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8591, 43.0496, 54.3000 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(168, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 189)  
}
```

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(168, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 189) }
```

Border

The CSS property to change the border of an element to XYZ 40.8591, 43.0496, 54.3000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

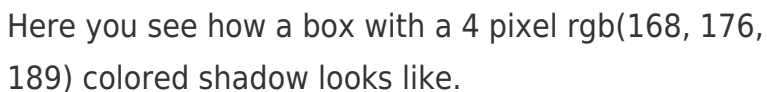
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 176, 189) }
```


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

```
.border{ border-color:rgb(168, 176, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 176, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 176, 189); box-shadow:4px 4px 4px 4px rgb(168, 176, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8591, 43.0496, 54.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 189) }
```

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

```
.background{ background-color: rgb(168,  
176, 189) }
```

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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