

Converting Colors

XYZ(39.9116, 42.8891, 59.8034)

Have a look what the booklet for
XYZ(39.9116, 42.8891, 59.8034)
contains.

XYZ(40.0181, 43.0861, 59.6334)	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(40.0181, 43.0861,
59.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB2C6
RGB	157, 178, 198
RGB Percent	62%, 70%, 78%
CMY	0.3843, 0.3019, 0.2235
CMYK	0.21, 0.10, 0.00, 0.22
HSL	209°, 26%, 70%
HSV	209°, 21%, 78%
XYZ	40.0181, 43.0861, 59.6334
YIQ	174.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

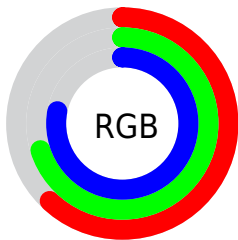
Format	Color
RYB	157, 171, 198
Decimal	10334918
CIELab	71.61, -2.89, -12.58
CIELCh	72, 12.905, 257.046
Yxy	43.0861, 0.2804, 0.3019
Android (android.graphics.Color)	4288524998 (0xFF9DB2C6)
YUV	174.0010, 11.8315, -14.9099
Hunter-Lab	65.6400, -6.0457, -7.9165

Details

The XYZ color **40.0181, 43.0861, 59.6334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0972, 45.8846, 38.3791**, and the grayscale version is **40.1818, 42.2744, 46.0368**.

A 20% lighter version of the original color is **74.6242, 80.0627, 106.1283**, and **18.1934, 19.6841, 29.2261** is the 20% darker color. If you saturate the color by 10%, you get **34.6095, 37.5459, 58.8498**, and if you desaturate by 10%, it is **46.1907, 49.2231, 60.4933**.

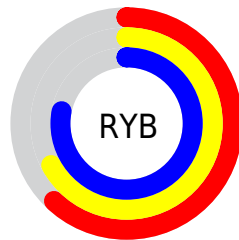
Distribution



Red (62%)

Green (70%)

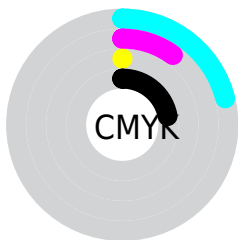
Blue (78%)



Red (62%)

Yellow (67%)

Blue (78%)

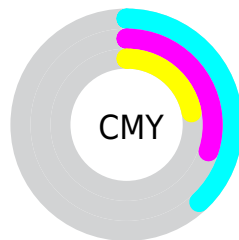


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (30%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0181, 43.0861, 59.6334 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 40.0181, 43.0861, 59.6334 by changing the saturation by 10% instead.

■ 40.0181, 43.0861,
59.6334

■ 40.0181, 43.0861,
59.6334

337.3330,
358.9657, 441.0122

■ 27.7369, 29.9527,
42.6999

■ 74.4752, 79.8408,
105.8358

■ 18.2669, 19.8027,
29.3200

■ 97.3819, 104.2308,
135.9418

■ 11.2426, 12.2517,
19.0754

124.5611,
133.1418, 171.2757

■ 6.2988, 6.9153,
11.5474

156.3783,
166.9583, 212.2560

■ 3.0700, 3.4092,
6.3175

193.1987,
206.0645, 259.3012

■ 1.1909, 1.3489,
2.9672

235.3877,

■ 0.0991, 0.1786,

250.8449, 312.8300

1.0779

283.3107,
301.6838, 373.2608

■ 0.0000, 0.0000,
0.0000

■ 40.0181, 43.0861,
59.6334

■ 40.0181, 43.0861,
59.6334

■ 34.6095, 37.5459,
58.8498

■ 46.1907, 49.2231,
60.4933

■ 29.9281, 32.5763,
58.1373

■ 53.1540, 55.9716,
61.4289

■ 25.9396, 28.1564,
57.4944

■ 60.9384, 63.3520,
62.4432

■ 22.6056, 24.2620,
56.9184

■ 69.5714, 71.3824,
63.5382

■ 19.8830, 20.8665,
56.4065

■ 78.7091, 79.8890,
64.6985

■ 17.7234, 17.9400,
55.9555

■ 81.4142, 85.2993,
65.6003

■ 16.0694, 15.4481,
55.5617

■ 84.2697, 91.0103,
66.5521

■ 14.8882, 13.4672,
55.2416

■ 87.1932, 96.8573,
67.5266

Harmonies

Analogous

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



38.1574, 43.0861, 56.2750



40.0181, 43.0861, 59.6334



42.1950, 43.0861, 59.3731

Triad

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



40.0181, 43.0861, 59.6334



45.0984, 43.0861, 43.4765



37.9556, 43.0861, 39.1882

Complementary

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



40.0181, 43.0861, 59.6334



45.0972, 45.8846, 38.3791

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.



39.7337, 43.0861, 36.3316



40.0181, 43.0861, 59.6334



43.8799, 43.0861, 38.6523

Square

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



40.0181, 43.0861, 59.6334



45.1812, 43.0861, 49.6607



41.9004, 43.0861, 36.1445



36.9954, 43.0861, 44.2694

Rectangle

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



40.0181, 43.0861, 59.6334



43.5337, 43.0861, 57.1792



41.9004, 43.0861, 36.1445



38.4745, 43.0861, 37.9564

Sweetspot

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



40.0194, 43.0879, 59.6344



87.3087, 92.5434, 107.8687



42.0172, 50.7242, 49.0764



18.5142, 19.6397, 23.0650



0.0000, 0.0000, 0.0000



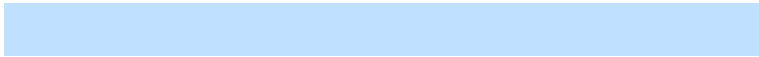
20.3446, 21.4041, 23.3091

Same Dimension

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



40.0194, 43.0879, 59.6344



66.2290, 71.5892, 104.9352



36.2716, 35.5922, 58.3851



10.4984, 11.1708, 13.5203



9.7680, 8.9299, 35.9532



0.5349, 0.5675, 1.7265

Inverse Universe

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



43.3827, 39.3352, 47.4273



73.3671, 64.0074, 78.9415



49.4136, 54.5174, 39.8179



10.8568, 10.7261, 12.2293



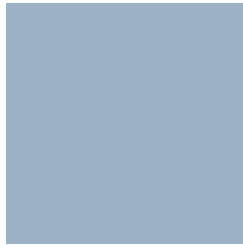
16.7298, 8.4415, 9.0527



0.8287, 0.4143, 0.6209

Previews

White Background



This preview shows how the XYZ color 40.0181, 43.0861, 59.6334 looks on a white background.

Color Contrast Check

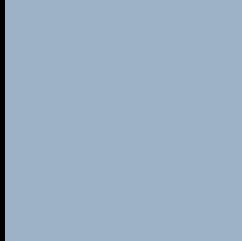
Large Text (above 18pt) WCAG AA × Fail

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 40.0181, 43.0861, 59.6334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

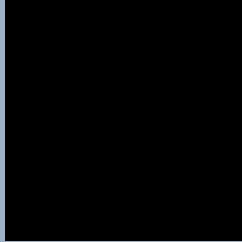
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

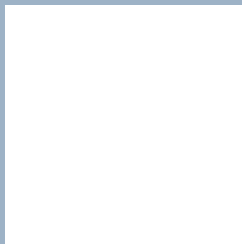
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0181, 43.0861, 59.6334

Background



This preview shows how black text looks on a background with the XYZ color 40.0181, 43.0861, 59.6334.



This preview shows how white text looks on a background with the XYZ color 40.0181, 43.0861,

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

40.0181, 43.0861, 59.6334

Protanopia

41.9996, 42.9829, 57.7127

Deuteranopia

44.0443, 43.1197, 60.6451



Tritanopia

39.4560, 43.1584, 56.7029

Trichromacy



Original Color

40.0181, 43.0861, 59.6334

Protanomaly

41.2301, 42.8610, 58.3245

Deuteranomaly

42.4581, 43.1663, 60.1270

Tritanomaly

39.6807, 43.2482, 57.8861

Monochromacy



Original Color

40.0181, 43.0861, 59.6334

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0257, 42.4037, 50.8749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0181, 43.0861, 59.6334 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(157, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 198)  
}
```

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(157, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.0181, 43.0861, 59.6334 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(157, 178, 198) }
```


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

```
.border{ border-color:rgb(157, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(157, 178,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0181, 43.0861, 59.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 198) }
```

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

```
.background{ background-color: rgb(157,  
178, 198) }
```

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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