

Converting Colors

XYZ(36.3179, 39.4730, 40.6268)

Have a look what the booklet for
XYZ(36.3179, 39.4730, 40.6268)
contains.

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Color

**XYZ(36.3680, 39.5927,
40.8473)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ABA4
RGB	163, 171, 164
RGB Percent	64%, 67%, 64%
CMY	0.3608, 0.3294, 0.3569
CMYK	0.05, 0.00, 0.04, 0.33
HSL	127°, 5%, 65%
HSV	127°, 5%, 67%
XYZ	36.3680, 39.5927, 40.8473
YIQ	167.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

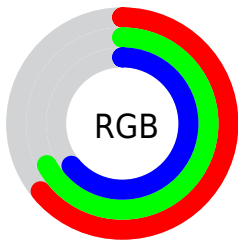
Format	Color
RYB	163, 170, 171
Decimal	10726308
CIELab	69.18, -4.16, 2.62
CIELCh	69, 4.911, 147.821
Yxy	39.5927, 0.3113, 0.3390
Android (android.graphics.Color)	4288916388 (0xFFA3ABA4)
YUV	167.8100, -1.8783, -4.2184
Hunter-Lab	62.9227, -6.9456, 5.5569

Details

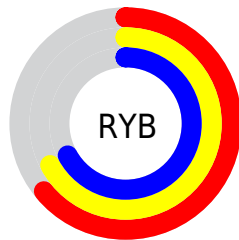
The XYZ color **36.3680, 39.5927, 40.8473** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1489, 37.7556, 43.3618**, and the grayscale version is **37.1370, 39.0710, 42.5483**.

A 20% lighter version of the original color is **68.8960, 74.4126, 77.7497**, and **16.0770, 17.7430, 17.9066** is the 20% darker color. If you saturate the color by 10%, you get **31.8279, 37.4004, 33.9911**, and if you desaturate by 10%, it is **41.5428, 42.0961, 48.5648**.

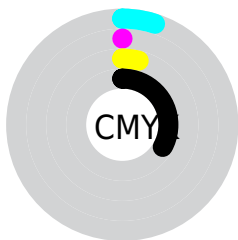
Distribution



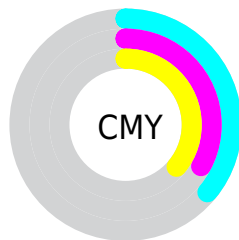
- Red (64%)
- Green (67%)
- Blue (64%)



- Red (64%)
- Yellow (67%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3680, 39.5927, 40.8473 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 36.3680, 39.5927, 40.8473 by changing the saturation by 10% instead.

■ 36.3680, 39.5927,
40.8473

■ 36.3680, 39.5927,
40.8473

321.9694,
344.4039, 365.3397

■ 24.8900, 27.2211,
27.8810

■ 68.9199, 74.5429,
77.7032

■ 16.1234, 17.7394,
17.9977

■ 90.7244, 97.8903,
102.4298

■ 9.7029, 10.7630,
10.7789

116.7018,
125.6651, 131.9137

■ 5.2632, 5.9077,
5.8061

147.2174,
158.2517, 166.5733

■ 2.4388, 2.7890,
2.6606

182.6366,
196.0345, 206.8271

■ 0.8645, 1.0226,
0.9235

223.3248,

■ 0.0000, 0.0000,

239.3978, 253.0938

0.0000

269.6473,
288.7262, 305.7918

■ 36.3680, 39.5927,
40.8473

■ 36.3680, 39.5927,
40.8473

■ 31.8279, 37.4004,
33.9911

■ 41.5428, 42.0961,
48.5648

■ 27.8949, 35.5022,
27.9640

■ 47.3720, 44.9168,
57.1695

■ 24.5441, 33.8870,
22.7351

■ 53.8787, 48.0671,
66.6891

■ 21.7477, 32.5414,
18.2711

■ 61.0836, 51.5573,
77.1496

■ 19.4756, 31.4504,
14.5360

■ 69.0068, 55.3971,
88.5759

■ 17.6948, 30.5979,
11.4911

■ 73.6580, 57.5291,
100.8042

■ 16.3686, 29.9659,
9.0942

■ 73.8537, 57.6074,
101.8346

■ 15.4549, 29.5337,
7.2981

■ 14.9035, 29.2764,
6.0494

Harmonies

Analogous

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



36.9313, 39.5927, 39.3969



36.3680, 39.5927, 40.8473



36.1428, 39.5927, 42.9455

Triad

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



36.3680, 39.5927, 40.8473



37.5743, 39.5927, 47.5773



38.9830, 39.5927, 41.1227

Complementary

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



36.3680, 39.5927, 40.8473



37.1489, 37.7556, 43.3618

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.



39.1609, 39.5927, 43.2744



36.3680, 39.5927, 40.8473



38.3408, 39.5927, 47.0487

Square

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



36.3680, 39.5927, 40.8473



36.8332, 39.5927, 46.8746



38.9243, 39.5927, 45.4542



38.4416, 39.5927, 39.5520

Rectangle

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



36.3680, 39.5927, 40.8473



36.2123, 39.5927, 44.4468



38.9243, 39.5927, 45.4542



39.0877, 39.5927, 41.7997

Sweetspot

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



36.3691, 39.5944, 40.8482



68.3914, 72.4836, 78.0329



37.7674, 40.3257, 40.4439



15.2629, 16.1696, 17.4186



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.3691, 39.5944, 40.8482



63.9038, 70.3143, 71.3091



36.7301, 39.7388, 42.7491



8.2456, 9.1009, 9.1834



11.0942, 22.0029, 4.2696



0.3211, 0.6171, 0.1845

Inverse Universe

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



37.1489, 37.7556, 43.3618



65.7088, 66.0581, 77.1270



36.7821, 37.6088, 41.4301



8.4950, 8.5129, 9.9872



16.8014, 8.1831, 22.3975



0.4792, 0.2324, 0.6852

Previews

White Background



This preview shows how the XYZ color 36.3680, 39.5927, 40.8473 looks on a white background.

Color Contrast Check

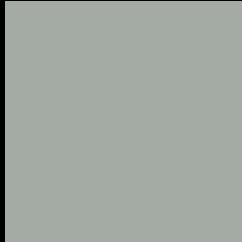
Large Text (above 18pt) WCAG AA × Fail

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 36.3680, 39.5927, 40.8473 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

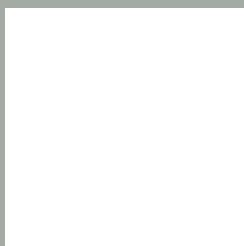
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3680, 39.5927, 40.8473

Background



This preview shows how black text looks on a background with the XYZ color 36.3680, 39.5927, 40.8473.



This preview shows how white text looks on a background with the XYZ color 36.3680, 39.5927,

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

36.3680, 39.5927, 40.8473

Protanopia

37.7578, 39.4981, 39.8163

Deuteranopia

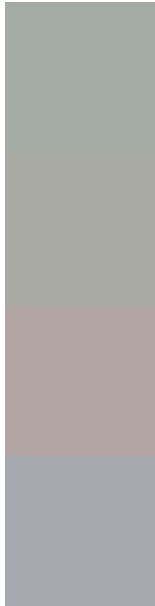
40.2298, 39.3867, 41.5584



Tritanopia

38.1720, 39.4897, 49.8664

Trichromacy



Original Color

36.3680, 39.5927, 40.8473

Protanomaly

37.1610, 39.4553, 40.3074

Deuteranomaly

38.7878, 39.4540, 41.1684

Tritanomaly

37.4429, 39.4704, 46.2025

Monochromacy



Original Color

36.3680, 39.5927, 40.8473

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.8889, 39.2729, 42.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3680, 39.5927, 40.8473 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(163, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 164)  
}
```

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(163, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.3680, 39.5927, 40.8473 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(163, 171, 164) }
```


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

```
.border{ border-color:rgb(163, 171, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3680, 39.5927, 40.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 164) }
```

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

```
.background{ background-color: rgb(163,  
171, 164) }
```

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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