

Converting Colors

XYZ(36.4724, 39.9739, 41.7710)

Have a look what the booklet for
XYZ(36.4724, 39.9739, 41.7710)
contains.

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Color

**XYZ(36.5357, 39.9396,
41.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ACA6
RGB	162, 172, 166
RGB Percent	64%, 67%, 65%
CMY	0.3647, 0.3255, 0.3490
CMYK	0.06, 0.00, 0.03, 0.33
HSL	144°, 6%, 65%
HSV	144°, 6%, 67%
XYZ	36.5357, 39.9396, 41.8599
YIQ	168.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

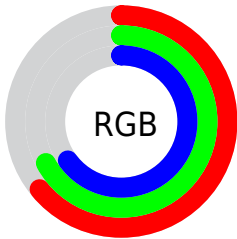
Format	Color
RYB	162, 169, 172
Decimal	10661030
CIELab	69.43, -4.67, 1.86
CIELCh	69, 5.026, 158.268
Yxy	39.9396, 0.3087, 0.3375
Android (android.graphics.Color)	4288851110 (0xFFA2ACA6)
YUV	168.3260, -1.1467, -5.5479
Hunter-Lab	63.1978, -7.4023, 4.9669

Details

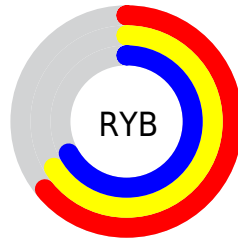
The XYZ color **36.5357, 39.9396, 41.8599** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0029, 37.4394, 42.3238**, and the grayscale version is **37.3874, 39.3345, 42.8352**.

A 20% lighter version of the original color is **69.1355, 74.9103, 79.2219**, and **16.1841, 17.9628, 18.5338** is the 20% darker color. If you saturate the color by 10%, you get **32.3689, 37.8977, 36.9194**, and if you desaturate by 10%, it is **41.2587, 42.2617, 47.2248**.

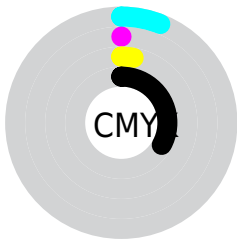
Distribution



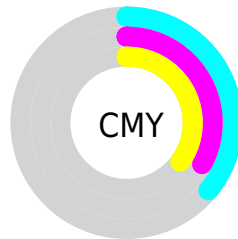
- Red (64%)
- Green (67%)
- Blue (65%)



- Red (64%)
- Yellow (66%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5357, 39.9396, 41.8599 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 36.5357, 39.9396, 41.8599 by changing the saturation by 10% instead.

■ 36.5357, 39.9396,
41.8599

■ 36.5357, 39.9396,
41.8599

322.6865,
345.8689, 369.6844

■ 25.0202, 27.4915,
28.6669

■ 69.1766, 75.0715,
79.2553

■ 16.2209, 17.9427,
18.5855

■ 91.0327, 98.5241,
104.2948

■ 9.7725, 10.9088,
11.1974

117.0664,
126.4136, 134.1202

■ 5.3095, 6.0056,
6.0839

147.6431,
159.1244, 169.1500

■ 2.4666, 2.8485,
2.8266

183.1281,
197.0410, 209.8028

■ 0.8784, 1.0531,
1.0068

223.8868,

■ 0.0000, 0.0000,

240.5477, 256.4971

0.0000

270.2845,
290.0288, 309.6514

■ 36.5357, 39.9396,
41.8599

■ 36.5357, 39.9396,
41.8599

■ 32.3689, 37.8977,
36.9194

■ 41.2587, 42.2617,
47.2248

■ 28.7338, 36.1202,
32.3905

■ 46.5545, 44.8690,
53.0214

■ 25.6093, 34.5976,
28.2633

■ 52.4430, 47.7726,
59.2601

■ 22.9712, 33.3176,
24.5268

■ 58.9423, 50.9818,
65.9501

■ 20.7934, 32.2669,
21.1694

■ 66.0696, 54.5051,
73.1004

■ 19.0473, 31.4312,
18.1786

■ 69.9874, 56.3642,
80.5394

■ 17.7010, 30.7941,
15.5418

■ 71.4631, 56.9545,
88.3107

■ 16.7174, 30.3369,
13.2450

■ 73.0259, 57.5796,
96.5401

■ 16.0495, 30.0355,
11.2734

■ 74.0433, 57.9866,
101.8978

Harmonies

Analogous

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



37.0068, 39.9396, 40.0851



36.5357, 39.9396, 41.8599



36.4438, 39.9396, 44.1308

Triad

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



36.5357, 39.9396, 41.8599



38.1854, 39.9396, 48.0433



39.1949, 39.9396, 40.7882

Complementary

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



36.5357, 39.9396, 41.8599



37.0029, 37.4394, 42.3238

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.



39.5205, 39.9396, 42.8504



36.5357, 39.9396, 41.8599



38.9323, 39.9396, 47.0770

Square

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



36.5357, 39.9396, 41.8599



37.3888, 39.9396, 47.7552



39.4237, 39.9396, 45.1566



38.5398, 39.9396, 39.4818

Rectangle

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



36.5357, 39.9396, 41.8599



36.6088, 39.9396, 45.6300



39.4237, 39.9396, 45.1566



39.3469, 39.9396, 41.4130

Sweetspot

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



36.5368, 39.9413, 41.8608



69.3974, 73.9867, 79.5246



37.4595, 40.4587, 40.0178



15.1024, 16.0892, 17.3062



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.



36.5368, 39.9413, 41.8608



65.2331, 71.9420, 74.7204



36.9889, 40.1221, 44.2415



8.2159, 9.0805, 9.4101



11.7983, 22.2846, 7.9778



0.3557, 0.6309, 0.3666

Inverse Universe

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



37.0029, 37.4394, 42.3238



66.2599, 66.4294, 75.7406



36.5606, 37.2624, 39.9947



8.3513, 8.3536, 9.5446



14.5182, 7.2698, 10.3740



0.4299, 0.2127, 0.4258

Previews

White Background



This preview shows how the XYZ color 36.5357, 39.9396, 41.8599 looks on a white background.

Color Contrast Check

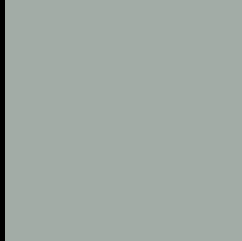
Large Text (above 18pt) WCAG AA × Fail

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 36.5357, 39.9396, 41.8599 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

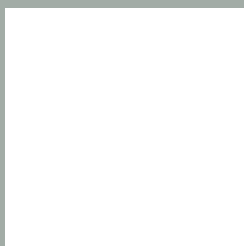
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5357, 39.9396, 41.8599

Background



This preview shows how black text looks on a background with the XYZ color 36.5357, 39.9396, 41.8599.



This preview shows how white text looks on a background with the XYZ color 36.5357, 39.9396,

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

36.5357, 39.9396, 41.8599

Protanopia

38.3444, 40.0549, 40.8324

Deuteranopia

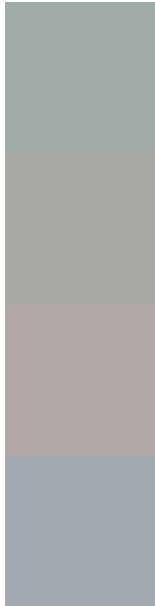
40.5930, 39.8172, 42.5918



Tritanopia

38.2523, 39.7942, 50.4647

Trichromacy



Original Color

36.5357, 39.9396, 41.8599

Protanomaly

37.7438, 40.0121, 41.3311

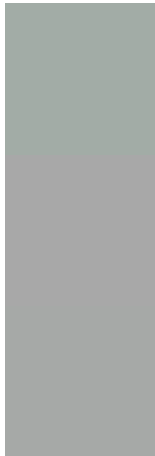
Deuteranomaly

38.9252, 39.7746, 42.1849

Tritanomaly

37.6204, 39.8163, 47.2975

Monochromacy



Original Color

36.5357, 39.9396, 41.8599

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 36.5357, 39.9396, 41.8599 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(162, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 166)  
}
```

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(162, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.5357, 39.9396, 41.8599 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(162, 172, 166) }
```


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

```
.border{ border-color:rgb(162, 172, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5357, 39.9396, 41.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 166) }
```

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

```
.background{ background-color: rgb(162,  
172, 166) }
```

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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