

Converting Colors

XYZ(35.9155, 40.3296, 40.9762)

Have a look what the booklet for
XYZ(35.9155, 40.3296, 40.9762)
contains.

XYZ(35.9374, 40.2215, 40.9914)	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(35.9374, 40.2215,
40.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAEA4
RGB	158, 174, 164
RGB Percent	62%, 68%, 64%
CMY	0.3804, 0.3176, 0.3569
CMYK	0.09, 0.00, 0.06, 0.32
HSL	142°, 9%, 65%
HSV	142°, 9%, 68%
XYZ	35.9374, 40.2215, 40.9914
YIQ	168.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

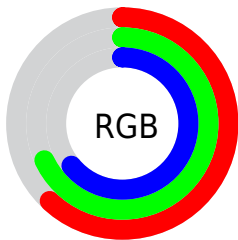
Format	Color
RYB	158, 170, 174
Decimal	10399396
CIELab	69.63, -7.53, 3.22
CIELCh	70, 8.188, 156.847
Yxy	40.2215, 0.3068, 0.3433
Android (android.graphics.Color)	4288589476 (0xFF9EAE4)
YUV	168.0760, -2.0095, -8.8367
Hunter-Lab	63.4204, -9.8381, 6.0726

Details

The XYZ color **35.9374, 40.2215, 40.9914** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7517, 36.2805, 42.1134**, and the grayscale version is **37.2694, 39.2103, 42.7000**.

A 20% lighter version of the original color is **68.2461, 75.2992, 77.9551**, and **15.9476, 18.2147, 18.0045** is the 20% darker color. If you saturate the color by 10%, you get **31.8136, 38.2054, 35.8889**, and if you desaturate by 10%, it is **40.6321, 42.5244, 46.5608**.

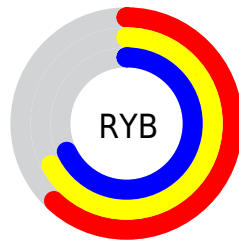
Distribution



Red (62%)

Green (68%)

Blue (64%)



Red (62%)

Yellow (67%)

Blue (68%)

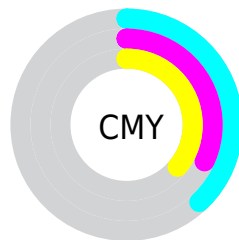


Cyan (9%)

Magenta (0%)

Yellow (6%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9374, 40.2215, 40.9914 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 35.9374, 40.2215, 40.9914 by changing the saturation by 10% instead.


 35.9374, 40.2215,
40.9914


 35.9374, 40.2215,
40.9914


320.1229,
347.0563, 365.9602

 24.5557, 27.7113,
27.9927


 68.2599, 75.5007,
77.9244

 15.8733, 18.1081,
18.0812


 89.9315, 99.0385,
102.6957

 9.5248, 11.0277,
10.8382


115.7638,
127.0209, 132.2284

 5.1449, 6.0854,
5.8454

146.1221,
159.8323, 166.9409

 2.3682, 2.8971,
2.6840

181.3718,
197.8572, 207.2518

 0.8292, 1.0783,
0.9354

221.8783,

 0.0000, 0.0000,

241.4798, 253.5796

0.0000

268.0068,
291.0848, 306.3429

■ 35.9374, 40.2215,
40.9914

■ 35.9374, 40.2215,
40.9914

■ 31.8136, 38.2054,
35.8889

■ 40.6321, 42.5244,
46.5608

■ 28.2351, 36.4598,
31.2387

■ 45.9154, 45.1197,
52.6061

■ 25.1790, 34.9744,
27.0292

■ 51.8084, 48.0192,
59.1391

■ 22.6196, 33.7360,
23.2474

■ 58.3302, 51.2324,
66.1707

■ 20.5291, 32.7307,
19.8795

■ 65.4990, 54.7686,
73.7112

■ 18.8766, 31.9428,
16.9112

■ 70.5557, 57.2052,
81.6407

■ 17.6273, 31.3547,
14.3270

■ 72.1249, 57.8329,
89.9039

■ 16.7407, 30.9458,
12.1106

■ 73.7910, 58.4993,
98.6774

■ 16.1411, 30.6774,
10.2429

■ 74.4268, 58.7536,
102.0256

Harmonies

Analogous

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



36.7238, 40.2215, 38.2184



35.9374, 40.2215, 40.9914



35.7585, 40.2215, 44.6688

Triad

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



35.9374, 40.2215, 40.9914



38.5334, 40.2215, 51.4346



40.3017, 40.2215, 39.5685

Complementary

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



35.9374, 40.2215, 40.9914



36.7517, 36.2805, 42.1134

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.



40.8115, 40.2215, 42.9314



35.9374, 40.2215, 40.9914



39.7754, 40.2215, 49.8880

Square

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



35.9374, 40.2215, 40.9914



37.2377, 40.2215, 50.8415



40.6167, 40.2215, 46.7223



39.2385, 40.2215, 37.4306

Rectangle

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



35.9374, 40.2215, 40.9914



36.0039, 40.2215, 47.1681



40.6167, 40.2215, 46.7223



40.5446, 40.2215, 40.5855

Sweetspot

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



35.9385, 40.2232, 40.9923



70.2916, 75.4598, 80.4566



37.4859, 41.0821, 38.3021



15.4706, 16.6970, 17.7020



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.9385, 40.2232, 40.9923



63.6099, 72.1859, 72.4363



36.6715, 40.5164, 44.8521



8.0241, 8.9872, 9.1517



11.7022, 22.2462, 7.4715



0.3525, 0.6297, 0.3501

Inverse Universe

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



36.7517, 36.2805, 42.1134



65.3811, 63.5975, 74.8780



36.0404, 35.9960, 38.3679



8.2078, 8.0964, 9.4050



14.6828, 7.3357, 11.2408



0.4338, 0.2142, 0.4463

Previews

White Background



This preview shows how the XYZ color 35.9374, 40.2215, 40.9914 looks on a white background.

Color Contrast Check

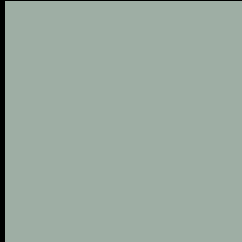
Large Text (above 18pt) WCAG AA × Fail

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 35.9374, 40.2215, 40.9914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

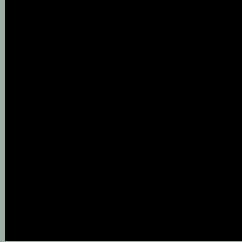
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9374, 40.2215, 40.9914

Background



This preview shows how black text looks on a background with the XYZ color 35.9374, 40.2215, 40.9914.



This preview shows how white text looks on a background with the XYZ color 35.9374, 40.2215,

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

35.9374, 40.2215, 40.9914

Protanopia

38.3002, 40.0631, 39.4325

Deuteranopia

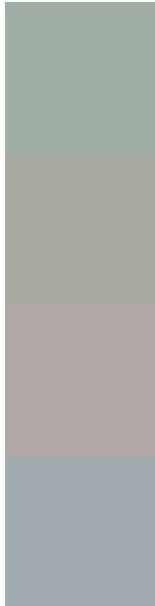
40.8974, 39.9955, 41.6408



Tritanopia

38.0178, 40.2057, 51.6557

Trichromacy



Original Color

35.9374, 40.2215, 40.9914

Protanomaly

37.4467, 40.1695, 39.9623

Deuteranomaly

38.9256, 40.0690, 41.2798

Tritanomaly

37.1855, 40.1530, 47.3854

Monochromacy



Original Color

35.9374, 40.2215, 40.9914

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6596, 39.4320, 42.2382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9374, 40.2215, 40.9914 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(158, 174, 164) looks like.

```
.text, #text, p{  
    color:rgb(158, 174, 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(158, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 174, 164) }
```

Border

The CSS property to change the border of an element to XYZ 35.9374, 40.2215, 40.9914 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(158, 174, 164) }
```


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

```
.border{ border-color:rgb(158, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(158, 174,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9374, 40.2215, 40.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 174, 164) }
```

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

```
.background{ background-color: rgb(158,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor