

Converting Colors

XYZ(34.8980, 37.7575, 43.4913)

Have a look what the booklet for
XYZ(34.8980, 37.7575, 43.4913)
contains.

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Color

**XYZ(34.7847, 37.6076,
43.4559)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA7AA
RGB	156, 167, 170
RGB Percent	61%, 65%, 67%
CMY	0.3882, 0.3451, 0.3333
CMYK	0.08, 0.02, 0.00, 0.33
HSL	193°, 8%, 64%
HSV	193°, 8%, 67%
XYZ	34.7847, 37.6076, 43.4559
YIQ	164.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

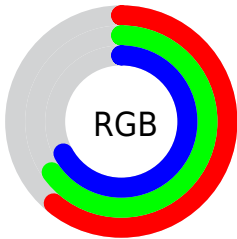
Format	Color
R _Y B	156, 162, 170
Decimal	10266538
CIE Lab	67.73, -3.26, -2.89
CIE LCh	68, 4.356, 221.535
Yxy	37.6076, 0.3003, 0.3246
Android (android.graphics.Color)	4288456618 (0xFF9CA7AA)
YUV	164.0530, 2.9319, -7.0625
Hunter-Lab	61.3250, -6.0703, 0.9137

Details

The XYZ color **34.7847, 37.6076, 43.4559** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9766, 35.7424, 36.5086**, and the grayscale version is **35.3017, 37.1402, 40.4456**.

A 20% lighter version of the original color is **66.5759, 71.5277, 81.5315**, and **15.2264, 16.5727, 19.5359** is the 20% darker color. If you saturate the color by 10%, you get **31.0654, 34.7152, 43.0942**, and if you desaturate by 10%, it is **38.9854, 40.7781, 43.8470**.

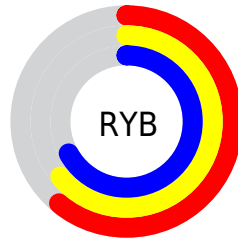
Distribution



Red (61%)

Green (65%)

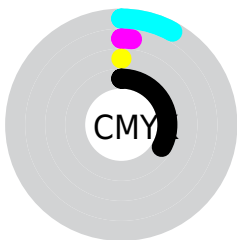
Blue (67%)



Red (61%)

Yellow (64%)

Blue (67%)

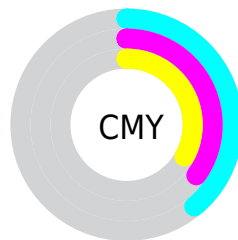


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7847, 37.6076, 43.4559 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 34.7847, 37.6076, 43.4559 by changing the saturation by 10% instead.

■ 34.7847, 37.6076,
43.4559

■ 34.7847, 37.6076,
43.4559

315.1417,
335.9337, 376.4595

■ 23.6628, 25.6783,
29.9089

■ 66.4883, 71.5063,
81.6921

■ 15.2071, 16.5831,
19.5180

■ 87.8008, 94.2445,
107.2184

■ 9.0521, 9.9377,
11.8646

113.2408,
121.3543, 137.5749

■ 4.8326, 5.3577,
6.5301

143.1737,
153.2204, 173.1802

■ 2.1831, 2.4586,
3.0961

177.9649,
190.2269, 214.4528

■ 0.7338, 0.8558,
1.1439

217.9797,

■ 0.0000, 0.0000,

232.7584, 261.8111

0.0000

263.5835,
281.1992, 315.6738

■ 34.7847, 37.6076,
43.4559

■ 34.7847, 37.6076,
43.4559

■ 31.0654, 34.7152,
43.0942

■ 38.9854, 40.7781,
43.8470

■ 27.8050, 32.0860,
42.7586

■ 43.6823, 44.2315,
44.2661

■ 24.9842, 29.7108,
42.4488

■ 48.8936, 47.9783,
44.7146

■ 22.5809, 27.5780,
42.1638

■ 54.6355, 52.0272,
45.1935

■ 20.5709, 25.6749,
41.9024

■ 60.9236, 56.3865,
45.7035

■ 18.9277, 23.9877,
41.6633

■ 66.6597, 60.4901,
46.1932

■ 17.6212, 22.5004,
41.4451

■ 67.4517, 62.0741,
46.4572

■ 16.6162, 21.1949,
41.2461

■ 68.2635, 63.6977,
46.7278

■ 15.8523, 20.0396,
41.0634

■ 69.0952, 65.3611,
47.0051

Harmonies

Analogous

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



34.4916, 37.6076, 41.6941



34.7847, 37.6076, 43.4559



35.3365, 37.6076, 44.5661

Triad

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



34.7847, 37.6076, 43.4559



36.9868, 37.6076, 42.1336



35.4867, 37.6076, 37.4224

Complementary

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



34.7847, 37.6076, 43.4559



34.9766, 35.7424, 36.5086

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.



36.1564, 37.6076, 37.5317



34.7847, 37.6076, 43.4559



37.0282, 37.6076, 40.2114

Square

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



34.7847, 37.6076, 43.4559



36.6101, 37.6076, 43.7864



36.7226, 37.6076, 38.5390



34.8934, 37.6076, 38.2356

Rectangle

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



34.7847, 37.6076, 43.4559



35.7796, 37.6076, 44.7669



36.7226, 37.6076, 38.5390



35.7102, 37.6076, 37.3532

Sweetspot

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



34.7858, 37.6092, 43.4567



67.7330, 71.7411, 79.2794



34.3263, 38.3143, 38.2968



15.1240, 16.0130, 17.6814



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.



34.7858, 37.6092, 43.4567



61.7334, 67.1764, 78.7145



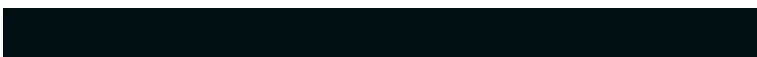
33.5721, 35.1819, 43.0522



7.6092, 8.2554, 9.6107



11.6097, 14.6795, 30.1970



0.3156, 0.4235, 0.7458

Inverse Universe

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



35.4419, 35.1137, 41.4707



63.1924, 61.6744, 74.2876



36.1788, 38.1468, 36.9093



7.7721, 7.6387, 9.1171



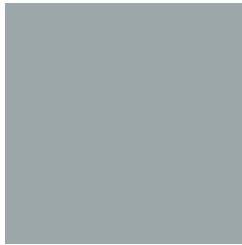
15.3606, 7.5530, 17.2424



0.3905, 0.1905, 0.5077

Previews

White Background



This preview shows how the XYZ color 34.7847, 37.6076, 43.4559 looks on a white background.

Color Contrast Check

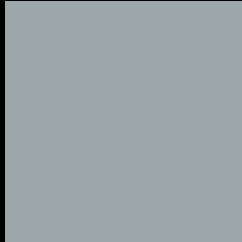
Large Text (above 18pt) WCAG AA × Fail

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 34.7847, 37.6076, 43.4559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

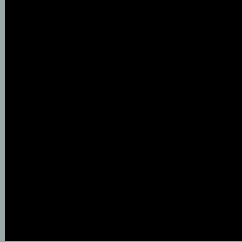
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

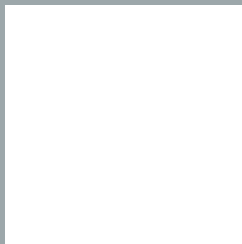
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7847, 37.6076, 43.4559

Background



This preview shows how black text looks on a background with the XYZ color 34.7847, 37.6076, 43.4559.



This preview shows how white text looks on a background with the XYZ color 34.7847, 37.6076,

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

34.7847, 37.6076, 43.4559

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.2816, 37.5469, 43.7577



Tritanopia

35.6775, 37.6952, 48.0433

Trichromacy



Original Color

34.7847, 37.6076, 43.4559

Protanomaly

35.7208, 37.5614, 42.9035

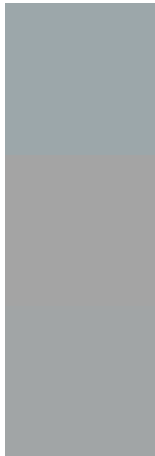
Deuteranomaly

37.0254, 37.6807, 43.8497

Tritanomaly

35.3773, 37.5751, 46.4624

Monochromacy



Original Color

34.7847, 37.6076, 43.4559

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0360, 37.2405, 41.4179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7847, 37.6076, 43.4559 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(156, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 170)  
}
```

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(156, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.7847, 37.6076, 43.4559 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(156, 167, 170) }
```


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

```
.border{ border-color:rgb(156, 167, 170) }
```

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

Here you see how a box with a 4 pixel rgb(156, 167, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(156, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7847, 37.6076, 43.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 170) }
```

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

```
.background{ background-color: rgb(156,  
167, 170) }
```

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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