

Converting Colors

XYZ(34.7054, 38.5331, 34.2896)

Have a look what the booklet for
XYZ(34.7054, 38.5331, 34.2896)
contains.

XYZ(34.7800, 38.6328, 34.4779)	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(34.7800, 38.6328,
34.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AA96
RGB	162, 170, 150
RGB Percent	64%, 67%, 59%
CMY	0.3647, 0.3333, 0.4118
CMYK	0.05, 0.00, 0.12, 0.33
HSL	84°, 11%, 63%
HSV	84°, 12%, 67%
XYZ	34.7800, 38.6328, 34.4779
YIQ	165.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

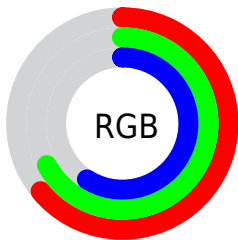
Format	Color
RYB	150, 170, 158
Decimal	10660502
CIELab	68.48, -6.53, 9.34
CIELCh	68, 11.398, 124.937
Yxy	38.6328, 0.3224, 0.3581
Android (android.graphics.Color)	4288850582 (0xFFA2AA96)
YUV	165.3280, -7.5567, -2.9187
Hunter-Lab	62.1553, -8.8892, 10.6202

Details

The XYZ color **34.7800, 38.6328, 34.4779** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2641, 31.9851, 42.5055**, and the grayscale version is **35.9571, 37.8297, 41.1965**.

A 20% lighter version of the original color is **66.4396, 72.9618, 67.7080**, and **15.1610, 17.1727, 14.3200** is the 20% darker color. If you saturate the color by 10%, you get **32.1649, 37.4327, 27.7206**, and if you desaturate by 10%, it is **37.6706, 39.9543, 42.2865**.

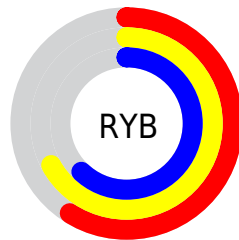
Distribution



Red (64%)

Green (67%)

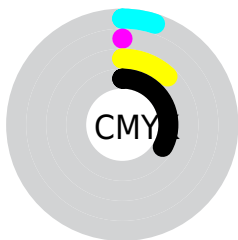
Blue (59%)



Red (59%)

Yellow (67%)

Blue (62%)

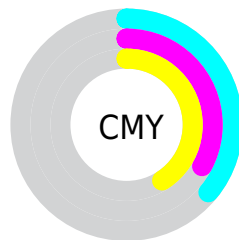


Cyan (5%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7800, 38.6328, 34.4779 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 34.7800, 38.6328, 34.4779 by changing the saturation by 10% instead.

■ 34.7800, 38.6328,
34.4779

■ 34.7800, 38.6328,
34.4779

315.1213,
340.3268, 337.0917

■ 23.6592, 26.4742,
22.9806

■ 66.4811, 73.0770,
67.8185

■ 15.2044, 17.1787,
14.3741

■ 87.7921, 96.1314,
90.4990

■ 9.0502, 10.3620,
8.2396

113.2304,
123.5866, 117.7442

■ 4.8313, 5.6396,
4.1587

143.1616,
155.8268, 149.9729

■ 2.1824, 2.6272,
1.7128

177.9509,
193.2365, 187.6034

■ 0.7334, 0.9404,
0.3695

217.9637,

■ 0.0000, 0.0000,

236.2002, 231.0544

0.0000

263.5654,
285.1021, 280.7443

■ 34.7800, 38.6328,
34.4779

■ 34.7800, 38.6328,
34.4779

■ 32.1649, 37.4327,
27.7206

■ 37.6706, 39.9543,
42.2865

■ 29.8125, 36.3449,
21.9671

■ 40.8427, 41.3958,
51.1861

■ 27.7135, 35.3668,
17.1702

■ 44.3060, 42.9628,
61.2173

■ 25.8568, 34.4939,
13.2778

■ 48.0689, 44.6586,
72.4181

■ 24.2303, 33.7211,
10.2327

■ 52.1391, 46.4865,
84.8245

■ 22.8206, 33.0429,
7.9713

■ 56.5244, 48.4497,
98.4711

■ 21.6126, 32.4533,
6.4212

■ 58.8943, 49.6161,
101.0805

■ 20.5887, 31.9448,
5.4962

■ 60.8677, 50.6335,
101.1729

■ 19.8531, 31.5748,
5.0482

■ 62.9244, 51.6937,
101.2692

Harmonies

Analogous

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



36.4234, 38.6328, 32.9738



34.7800, 38.6328, 34.4779



33.6838, 38.6328, 38.0188

Triad

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



34.7800, 38.6328, 34.4779



35.2781, 38.6328, 51.6581



40.2626, 38.6328, 41.2204

Complementary

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



34.7800, 38.6328, 34.4779



32.2641, 31.9851, 42.5055

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.



39.9319, 38.6328, 46.3876



34.7800, 38.6328, 34.4779



37.0168, 38.6328, 52.6891

Square

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



34.7800, 38.6328, 34.4779



33.9648, 38.6328, 47.9765



38.7294, 38.6328, 50.6897



39.6189, 38.6328, 36.6593

Rectangle

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



34.7800, 38.6328, 34.4779



33.3909, 38.6328, 41.1992



38.7294, 38.6328, 50.6897



40.2619, 38.6328, 42.9420

Sweetspot

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



34.7810, 38.6345, 34.4787



67.0917, 71.9174, 73.2802



34.3108, 35.2031, 33.8412



14.8734, 15.9976, 16.1010



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.



34.7810, 38.6345, 34.4787



61.8768, 69.5324, 59.3296



32.8298, 37.6286, 34.3874



7.8521, 8.6218, 8.0396



14.6676, 23.2587, 3.7163



0.4122, 0.5944, 0.0930

Inverse Universe

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



32.2641, 31.9851, 42.5055



56.4380, 55.1635, 76.6749



34.3119, 33.0408, 42.6013



7.4053, 7.4415, 9.4644



7.1515, 3.0702, 28.1912



0.2320, 0.1046, 0.6886

Previews

White Background



This preview shows how the XYZ color 34.7800, 38.6328, 34.4779 looks on a white background.

Color Contrast Check

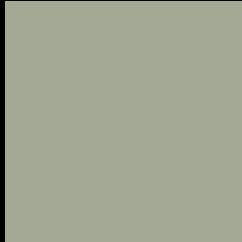
Large Text (above 18pt) WCAG AA × Fail

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 34.7800, 38.6328, 34.4779 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

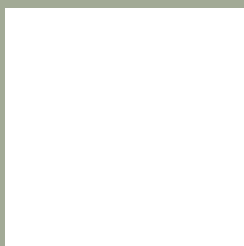
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7800, 38.6328, 34.4779

Background



This preview shows how black text looks on a background with the XYZ color 34.7800, 38.6328, 34.4779.



This preview shows how white text looks on a background with the XYZ color 34.7800, 38.6328,

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

34.7800, 38.6328, 34.4779

Protanopia

36.4371, 38.4092, 33.5103

Deuteranopia

39.1514, 38.4481, 35.0635



Tritanopia

37.4988, 38.6341, 48.1286

Trichromacy



Original Color

34.7800, 38.6328, 34.4779

Protanomaly

35.8211, 38.3534, 33.9487

Deuteranomaly

37.4518, 38.3690, 34.7102

Tritanomaly

36.4036, 38.4639, 42.5514

Monochromacy



Original Color

34.7800, 38.6328, 34.4779

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4737, 38.0680, 38.7359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7800, 38.6328, 34.4779 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, 170, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 150)  
}
```

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, 170, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.7800, 38.6328, 34.4779 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, 170, 150) }
```


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

```
.border{ border-color:rgb(162, 170, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7800, 38.6328, 34.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 150) }
```

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

```
.background{ background-color: rgb(162,  
170, 150) }
```

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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