

Converting Colors

XYZ(34.4442, 36.9540, 44.3478)

Have a look what the booklet for
XYZ(34.4442, 36.9540, 44.3478)
contains.

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Color

**XYZ(34.4191, 36.8574,
44.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA5AC
RGB	155, 165, 172
RGB Percent	61%, 65%, 67%
CMY	0.3922, 0.3529, 0.3255
CMYK	0.10, 0.04, 0.00, 0.33
HSL	205°, 9%, 64%
HSV	205°, 10%, 67%
XYZ	34.4191, 36.8574, 44.3298
YIQ	162.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

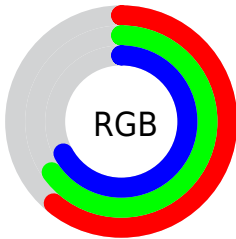
Format	Color
R_{YB}	155, 161, 172
Decimal	10200492
CIE _{Lab}	67.17, -2.10, -4.84
CIE _{LCh}	67, 5.273, 246.501
Yxy	36.8574, 0.2977, 0.3188
Android (android.graphics.Color)	4288390572 (0xFF9BA5AC)
YUV	162.8080, 4.5317, -6.8476
Hunter-Lab	60.7103, -5.0442, -0.7955

Details

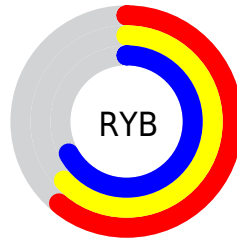
The XYZ color **34.4191, 36.8574, 44.3298** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8501, 36.9776, 36.2589**, and the grayscale version is **34.7052, 36.5126, 39.7622**.

A 20% lighter version of the original color is **65.7528, 70.2878, 82.7744**, and **15.0042, 16.1094, 20.0879** is the 20% darker color. If you saturate the color by 10%, you get **30.1088, 32.7927, 43.7730**, and if you desaturate by 10%, it is **39.2725, 41.3090, 44.9338**.

Distribution



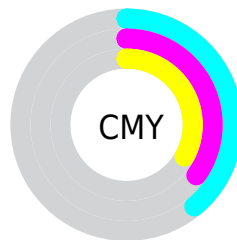
- Red (61%)
- Green (65%)
- Blue (67%)



- Red (61%)
- Yellow (63%)
- Blue (67%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4191, 36.8574, 44.3298 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 34.4191, 36.8574, 44.3298 by changing the saturation by 10% instead.

■ 34.4191, 36.8574,
44.3298

■ 34.4191, 36.8574,
44.3298

313.5499,
332.6927, 380.1331

■ 23.3802, 25.0971,
30.5908

■ 65.9248, 70.3534,
83.0215

■ 14.9967, 16.1494,
20.0316

■ 87.1224, 92.8579,
108.8113

■ 8.9034, 9.6299,
12.2337

112.4368,
119.7126, 139.4551

■ 4.7348, 5.1543,
6.7786

142.2335,
151.3019, 175.3715

■ 2.1257, 2.3381,
3.2477

176.8778,
188.0101, 216.9789

■ 0.7031, 0.7938,
1.2224

216.7350,

■ 0.0000, 0.0000,

230.2218, 264.6959

0.0000

262.1706,
278.3212, 318.9412

■ 34.4191, 36.8574,
44.3298

■ 34.4191, 36.8574,
44.3298

■ 30.1088, 32.7927,
43.7730

■ 39.2725, 41.3090,
44.9338

■ 26.3174, 29.0979,
43.2596

■ 44.6854, 46.1546,
45.5838

■ 23.0238, 25.7612,
42.7892

■ 50.6777, 51.4071,
46.2818

■ 20.2037, 22.7684,
42.3602

■ 57.2671, 57.0772,
47.0290

■ 17.8310, 20.1042,
41.9710

■ 64.4705, 63.1751,
47.8263

■ 15.8766, 17.7517,
41.6199

■ 71.1164, 69.0985,
48.6194

■ 14.3078, 15.6922,
41.3051

■ 72.8757, 72.6169,
49.2058

■ 13.0861, 13.9039,
41.0243

■ 74.7129, 76.2913,
49.8182

■ 12.1305, 12.3428,
40.7733

■ 76.6290, 80.1235,
50.4569

Harmonies

Analogous

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



33.8039, 36.8574, 42.8228



34.4191, 36.8574, 44.3298



35.2072, 36.8574, 44.6927

Triad

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



34.4191, 36.8574, 44.3298



36.5903, 36.8574, 39.6323



34.1204, 36.8574, 36.6769

Complementary

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



34.4191, 36.8574, 44.3298



35.8501, 36.9776, 36.2589

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.



34.8571, 36.8574, 35.8916



34.4191, 36.8574, 44.3298



36.2892, 36.8574, 37.5552

Square

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



34.4191, 36.8574, 44.3298



36.4687, 36.8574, 41.9227



35.6518, 36.8574, 36.2069



33.6333, 36.8574, 38.3920

Rectangle

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



34.4191, 36.8574, 44.3298



35.7261, 36.8574, 44.2251



35.6518, 36.8574, 36.2069



34.3466, 36.8574, 36.2985

Sweetspot

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



34.4202, 36.8589, 44.3306



68.3460, 72.3035, 81.1595



34.7745, 39.0757, 39.7995



14.6992, 15.5725, 17.6188



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.



34.4202, 36.8589, 44.3306



60.5325, 65.0853, 80.1781



32.9709, 33.9603, 43.8475



7.9557, 8.5108, 10.1761



9.0741, 9.2821, 30.3579



0.3046, 0.3625, 0.8619

Inverse Universe

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



35.5270, 34.9307, 40.4690



62.9886, 60.8786, 71.5922



37.3613, 39.9999, 36.7626



8.1955, 8.0914, 9.3401



14.4438, 7.2401, 9.9826



0.4281, 0.2119, 0.4164

Previews

White Background



This preview shows how the XYZ color 34.4191, 36.8574, 44.3298 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 34.4191, 36.8574, 44.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

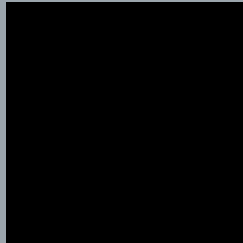
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

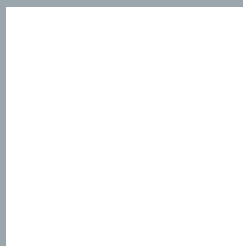
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4191, 36.8574, 44.3298

Background



This preview shows how black text looks on a background with the XYZ color 34.4191, 36.8574, 44.3298.



This preview shows how white text looks on a background with the XYZ color 34.4191, 36.8574,

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

34.4191, 36.8574, 44.3298

Protanopia

35.4859, 36.6355, 43.2313

Deuteranopia

37.6202, 36.9274, 44.6801



Tritanopia

34.9216, 36.7932, 46.8562

Trichromacy



Original Color

34.4191, 36.8574, 44.3298

Protanomaly

35.1458, 36.7117, 43.7618

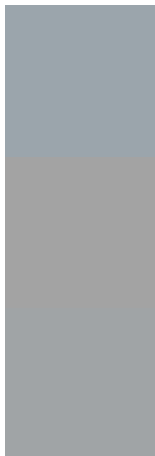
Deuteranomaly

36.4361, 36.8317, 44.7240

Tritanomaly

34.7236, 36.7140, 45.8138

Monochromacy



Original Color

34.4191, 36.8574, 44.3298

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6556, 36.7777, 41.3486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4191, 36.8574, 44.3298 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(155, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 172)  
}
```

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(155, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.4191, 36.8574, 44.3298 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(155, 165, 172) }
```


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

```
.border{ border-color:rgb(155, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 165,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4191, 36.8574, 44.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 165, 172) }
```

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

```
.background{ background-color: rgb(155,  
165, 172) }
```

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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