

Converting Colors

XYZ(33.5330, 33.9680, 43.3287)

Have a look what the booklet for
XYZ(33.5330, 33.9680, 43.3287)
contains.

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Color

**XYZ(33.5372, 34.0881,
43.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9CAB
RGB	159, 156, 171
RGB Percent	62%, 61%, 67%
CMY	0.3765, 0.3882, 0.3294
CMYK	0.07, 0.09, 0.00, 0.33
HSL	252°, 8%, 64%
HSV	252°, 9%, 67%
XYZ	33.5372, 34.0881, 43.3401
YIQ	158.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

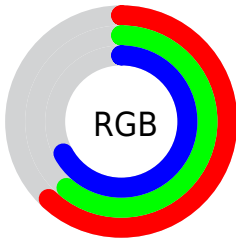
Format	Color
R_{YB}	159, 156, 171
Decimal	10460331
CIE _{Lab}	65.03, 4.04, -7.41
CIE _{LCh}	65, 8.440, 298.605
Yxy	34.0881, 0.3022, 0.3072
Android (android.graphics.Color)	4288650411 (0xFF9F9CAB)
YUV	158.6070, 6.1097, 0.3447
Hunter-Lab	58.3850, 0.3592, -3.1424

Details

The XYZ color **33.5372, 34.0881, 43.3401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7133, 39.8518, 37.2113**, and the grayscale version is **32.7501, 34.4557, 37.5222**.

A 20% lighter version of the original color is **64.5056, 65.8803, 81.2679**, and **14.5657, 14.6232, 19.5076** is the 20% darker color. If you saturate the color by 10%, you get **28.3028, 27.4264, 42.3307**, and if you desaturate by 10%, it is **39.4779, 41.7155, 44.4997**.

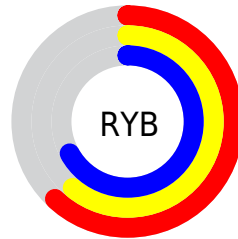
Distribution



Red (62%)

Green (61%)

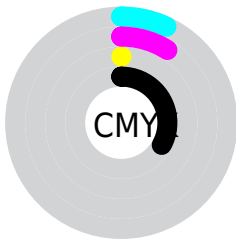
Blue (67%)



Red (62%)

Yellow (61%)

Blue (67%)

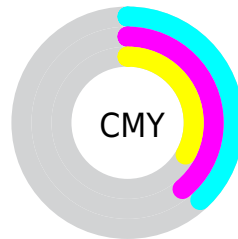


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5372, 34.0881, 43.3401 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 33.5372, 34.0881, 43.3401 by changing the saturation by 10% instead.

■ 33.5372, 34.0881,
43.3401

■ 33.5372, 34.0881,
43.3401

309.6858,
320.5247, 375.9708

■ 22.6995, 22.9613,
29.8187

■ 64.5624, 66.0706,
81.5157

■ 14.4912, 14.5649,
19.4501

■ 85.4806, 87.6952,
107.0069

■ 8.5471, 8.5146,
11.8159

110.4897,
113.5877, 137.3252

■ 4.5017, 4.4260,
6.4974

139.9551,
144.1327, 172.8890

■ 1.9897, 1.9146,
3.0762

174.2420,
179.7145, 214.1170

■ 0.6282, 0.5571,
1.1337

213.7158,

■ 0.0000, 0.0000,

220.7175, 261.4275

0.0000

258.7420,
267.5261, 315.2393

■ 33.5372, 34.0881,
43.3401

■ 33.5372, 34.0881,
43.3401

■ 28.3028, 27.4264,
42.3307

■ 39.4779, 41.7155,
44.4997

■ 23.7453, 21.6875,
41.4632

■ 46.1471, 50.3406,
45.8131

■ 19.8373, 16.8315,
40.7318

■ 53.5695, 59.9993,
47.2862

■ 16.5487, 12.8142,
40.1297

■ 61.7679, 70.7246,
48.9243

■ 13.8467, 9.5873,
39.6493

■ 70.7642, 82.5478,
50.7322

■ 11.6955, 7.0974,
39.2821

■ 79.4185, 93.1776,
52.3278

■ 10.0553, 5.2847,
39.0186

■ 84.2685, 95.6779,
52.5548

■ 8.8801, 4.0795,
38.8480

■ 84.3508, 95.7203,
52.5587

■ 8.0964, 3.3586,
38.7501

Harmonies

Analogous

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



32.3426, 34.0881, 44.2546



33.5372, 34.0881, 43.3401



34.4461, 34.0881, 40.7315

Triad

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



33.5372, 34.0881, 43.3401



33.6387, 34.0881, 31.6656



30.1081, 34.0881, 36.9526

Complementary

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



33.5372, 34.0881, 43.3401



36.7133, 39.8518, 37.2113

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.



30.4360, 34.0881, 33.7213



33.5372, 34.0881, 43.3401



32.4569, 34.0881, 30.7898

Square

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



33.5372, 34.0881, 43.3401



34.5057, 34.0881, 33.9881



31.2882, 34.0881, 31.5185



30.3812, 34.0881, 40.4304

Rectangle

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



33.5372, 34.0881, 43.3401



34.7570, 34.0881, 38.4610



31.2882, 34.0881, 31.5185



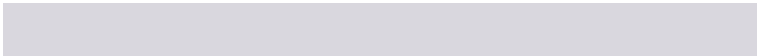
30.1515, 34.0881, 35.8030

Sweetspot

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



33.5382, 34.0895, 43.3409



65.9889, 68.6449, 78.7737



35.1109, 38.1068, 44.0334



14.5267, 15.0653, 17.5299



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.



33.5382, 34.0895, 43.3409



57.6775, 58.0033, 77.1577



35.0186, 34.8527, 43.4101



7.7229, 7.8314, 10.0573



6.0789, 2.4936, 29.2054



0.2116, 0.0913, 0.8145

Inverse Universe

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



35.7521, 35.2635, 41.9696



62.6668, 60.6498, 74.0304



35.2123, 39.0780, 37.1410



8.2674, 8.1202, 9.7191



16.0738, 7.8921, 18.5660



0.4644, 0.2264, 0.6072

Previews

White Background



This preview shows how the XYZ color 33.5372, 34.0881, 43.3401 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 33.5372, 34.0881, 43.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

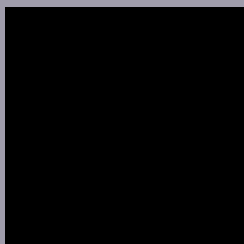
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

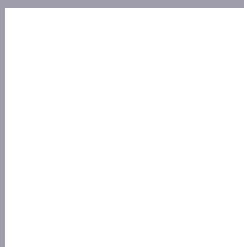
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5372, 34.0881, 43.3401

Background



This preview shows how black text looks on a background with the XYZ color 33.5372, 34.0881, 43.3401.



This preview shows how white text looks on a background with the XYZ color 33.5372, 34.0881,

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

33.5372, 34.0881, 43.3401

Protanopia

33.3123, 34.2223, 43.3779

Deuteranopia

34.7740, 33.9765, 43.7551



Tritanopia

33.3480, 34.0124, 42.3435

Trichromacy



Original Color

33.5372, 34.0881, 43.3401

Protanomaly

33.5082, 34.3233, 43.3871

Deuteranomaly

34.3118, 33.9823, 43.7805

Tritanomaly

33.4422, 34.0501, 42.8399

Monochromacy



Original Color

33.5372, 34.0881, 43.3401

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.1358, 34.4690, 39.5571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5372, 34.0881, 43.3401 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(159, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(159, 156, 171)  
}
```

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(159, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 156, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.5372, 34.0881, 43.3401 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(159, 156, 171) }
```


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

```
.border{ border-color:rgb(159, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 156,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5372, 34.0881, 43.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 156, 171) }
```

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

```
.background{ background-color: rgb(159,  
156, 171) }
```

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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