

Converting Colors

XYZ(33.6298, 36.5517, 43.8126)

Have a look what the booklet for
XYZ(33.6298, 36.5517, 43.8126)
contains.

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Color

**XYZ(33.5683, 36.4299,
43.7905)**

Conversions

Conversions Part 1

Format	Color
Hex	97A5AB
RGB	151, 165, 171
RGB Percent	59%, 65%, 67%
CMY	0.4078, 0.3529, 0.3294
CMYK	0.12, 0.04, 0.00, 0.33
HSL	198°, 11%, 63%
HSV	198°, 12%, 67%
XYZ	33.5683, 36.4299, 43.7905
YIQ	161.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

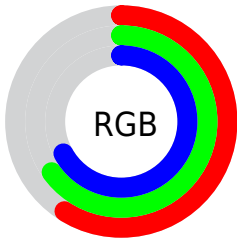
Format	Color
RYB	151, 159, 171
Decimal	9938347
CIELab	66.85, -3.67, -4.79
CIElCh	67, 6.034, 232.517
Yxy	36.4299, 0.2950, 0.3202
Android (android.graphics.Color)	4288128427 (0xFF97A5AB)
YUV	161.4980, 4.6845, -9.2067
Hunter-Lab	60.3572, -6.3504, -0.7662

Details

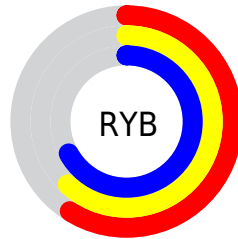
The XYZ color **33.5683, 36.4299, 43.7905** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4376, 35.0059, 34.2204**, and the grayscale version is **34.0912, 35.8666, 39.0587**.

A 20% lighter version of the original color is **64.4975, 69.6565, 81.9972**, and **14.4904, 15.8515, 19.7487** is the 20% darker color. If you saturate the color by 10%, you get **29.7159, 33.0992, 43.3512**, and if you desaturate by 10%, it is **37.9202, 40.0751, 44.2653**.

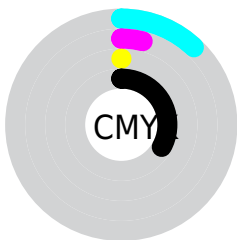
Distribution



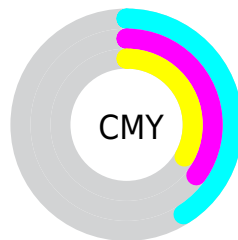
- Red (59%)
- Green (65%)
- Blue (67%)



- Red (59%)
- Yellow (62%)
- Blue (67%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5683, 36.4299, 43.7905 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 33.5683, 36.4299, 43.7905 by changing the saturation by 10% instead.

■ 33.5683, 36.4299,
43.7905

■ 33.5683, 36.4299,
43.7905

309.8227,
330.8357, 377.8690

■ 22.7235, 24.7664,
30.1699

■ 64.6105, 69.6951,
82.2015

■ 14.5090, 15.9031,
19.7144

■ 85.5386, 92.0656,
107.8290

■ 8.5596, 9.4556,
12.0056

110.5586,
118.7738, 138.2958

■ 4.5099, 5.0395,
6.6249

140.0357,
150.2043, 174.0205

■ 1.9944, 2.2705,
3.1538

174.3353,
186.7413, 215.4216

■ 0.6308, 0.7580,
1.1737

213.8227,

■ 0.0000, 0.0000,

228.7693, 262.9177

0.0000

258.8634,
276.6726, 316.9273

■ 33.5683, 36.4299,
43.7905

■ 33.5683, 36.4299,
43.7905

■ 29.7159, 33.0992,
43.3512

■ 37.9202, 40.0751,
44.2653

■ 26.3397, 30.0675,
42.9440

■ 42.7875, 44.0406,
44.7742

■ 23.4192, 27.3245,
42.5685

■ 48.1891, 48.3380,
45.3190

■ 20.9311, 24.8575,
42.2234

■ 54.1420, 52.9764,
45.9005

■ 18.8497, 22.6526,
41.9075

■ 60.6626, 57.9650,
46.5197

■ 17.1467, 20.6945,
41.6193

■ 67.7664, 63.3123,
47.1775

■ 15.7897, 18.9659,
41.3572

■ 69.4536, 65.9259,
47.5930

■ 14.7405, 17.4462,
41.1192

■ 70.6682, 68.3551,
47.9979

■ 14.0342, 16.3071,
40.9365

■ 71.9231, 70.8649,
48.4162

Harmonies

Analogous

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



33.0292, 36.4299, 41.6225



33.5683, 36.4299, 43.7905



34.3974, 36.4299, 44.8621

Triad

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



33.5683, 36.4299, 43.7905



36.3953, 36.4299, 40.3242



33.9576, 36.4299, 35.2009

Complementary

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



33.5683, 36.4299, 43.7905



34.4376, 35.0059, 34.2204

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.



34.8546, 36.4299, 34.8874



33.5683, 36.4299, 43.7905



36.2725, 36.4299, 37.7717

Square

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



33.5683, 36.4299, 43.7905



36.0372, 36.4299, 42.8045



35.7047, 36.4299, 35.8089



33.2512, 36.4299, 36.6848

Rectangle

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



33.5683, 36.4299, 43.7905



35.0074, 36.4299, 44.7789



35.7047, 36.4299, 35.8089



34.2465, 36.4299, 34.9579

Sweetspot

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



33.5694, 36.4314, 43.7913



65.9792, 70.1702, 79.0686



33.3833, 38.1287, 37.3499



14.5820, 15.5387, 17.6184



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.



33.5694, 36.4314, 43.7913



58.2759, 63.6709, 78.2201



31.8906, 33.0739, 43.2317



8.0305, 8.6604, 10.2011



10.6272, 12.3882, 30.8756



0.3405, 0.4343, 0.8739

Inverse Universe

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



34.6535, 33.5084, 40.2405



60.6150, 57.4570, 70.5384



36.1388, 38.4083, 34.7875



8.2332, 8.1065, 9.5389



15.2278, 7.5536, 14.1107



0.4462, 0.2192, 0.5117

Previews

White Background



This preview shows how the XYZ color 33.5683, 36.4299, 43.7905 looks on a white background.

Color Contrast Check

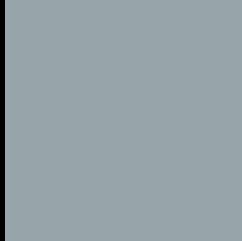
Large Text (above 18pt) WCAG AA × Fail

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 33.5683, 36.4299, 43.7905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

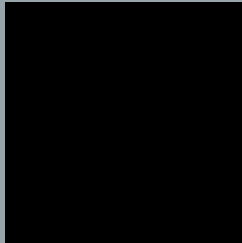
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

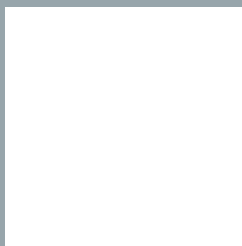
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5683, 36.4299, 43.7905

Background



This preview shows how black text looks on a background with the XYZ color 33.5683, 36.4299, 43.7905.



This preview shows how white text looks on a background with the XYZ color 33.5683, 36.4299,

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

33.5683, 36.4299, 43.7905

Protanopia

35.1860, 36.4918, 42.7252

Deuteranopia

37.1288, 36.4309, 44.1047



Tritanopia

34.1602, 36.4006, 46.8206

Trichromacy



Original Color

33.5683, 36.4299, 43.7905

Protanomaly

34.6510, 36.4676, 43.2429

Deuteranomaly

35.9171, 36.5753, 44.1964

Tritanomaly

33.9622, 36.3215, 45.7782

Monochromacy



Original Color

33.5683, 36.4299, 43.7905

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.9893, 36.1801, 40.7893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5683, 36.4299, 43.7905 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(151, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 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(151, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.5683, 36.4299, 43.7905 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(151, 165, 171) }
```


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

```
.border{ border-color:rgb(151, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(151, 165,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5683, 36.4299, 43.7905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 165, 171) }
```

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

```
.background{ background-color: rgb(151,  
165, 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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