

Converting Colors

XYZ(33.8580, 37.6537, 43.9275)

Have a look what the booklet for
XYZ(33.8580, 37.6537, 43.9275)
contains.

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Color

**XYZ(33.9331, 37.7058,
44.0176)**

Conversions

Conversions Part 1

Format	Color
Hex	95A9AB
RGB	149, 169, 171
RGB Percent	58%, 66%, 67%
CMY	0.4157, 0.3372, 0.3294
CMYK	0.13, 0.01, 0.00, 0.33
HSL	185°, 12%, 63%
HSV	185°, 13%, 67%
XYZ	33.9331, 37.7058, 44.0176
YIQ	163.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

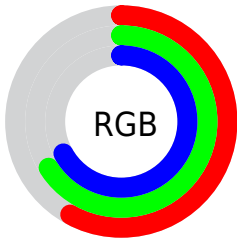
Format	Color
RYB	149, 159, 171
Decimal	9808299
CIELab	67.80, -6.52, -3.39
CIElCh	68, 7.349, 207.514
Yxy	37.7058, 0.2934, 0.3260
Android (android.graphics.Color)	4287998379 (0xFF95A9AB)
YUV	163.2480, 3.8217, -12.4955
Hunter-Lab	61.4050, -8.8178, 0.4821

Details

The XYZ color **33.9331, 37.7058, 44.0176** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2863, 32.9610, 33.0422**, and the grayscale version is **34.9176, 36.7360, 40.0055**.

A 20% lighter version of the original color is **65.0117, 71.4988, 82.3257**, and **14.7281, 16.6512, 19.8905** is the 20% darker color. If you saturate the color by 10%, you get **30.7526, 35.6409, 43.7873**, and if you desaturate by 10%, it is **37.5773, 40.0168, 44.2722**.

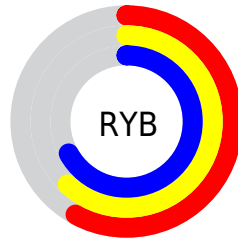
Distribution



Red (58%)

Green (66%)

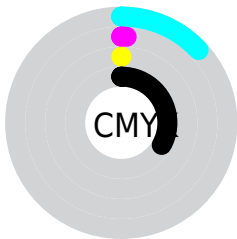
Blue (67%)



Red (58%)

Yellow (62%)

Blue (67%)

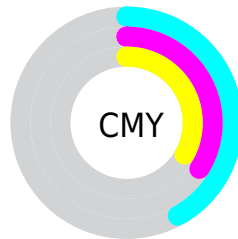


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9331, 37.7058, 44.0176 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 33.9331, 37.7058, 44.0176 by changing the saturation by 10% instead.

■ 33.9331, 37.7058,
44.0176

■ 33.9331, 37.7058,
44.0176

311.4248,
336.3562, 378.8235

■ 23.0049, 25.7544,
30.3471

■ 65.1746, 71.6570,
82.5470

■ 14.7178, 16.6400,
19.8479

■ 86.2186, 94.4256,
108.2429

■ 8.7066, 9.9782,
12.1015

111.3652,
121.5687, 138.7843

■ 4.6059, 5.3845,
6.6895

140.9797,
153.4708, 174.5899

■ 2.0503, 2.4746,
3.1932

175.4276,
190.5162, 216.0780

■ 0.6620, 0.8639,
1.1941

215.0742,

■ 0.0000, 0.0000,

233.0893, 263.6673

0.0000

260.2848,
281.5745, 317.7763

■ 33.9331, 37.7058,
44.0176

■ 33.9331, 37.7058,
44.0176

■ 30.7526, 35.6409,
43.7873

■ 37.5773, 40.0168,
44.2722

■ 28.0127, 33.8073,
43.5777

■ 41.7006, 42.5789,
44.5494

■ 25.6931, 32.1953,
43.3889

■ 46.3217, 45.4028,
44.8509

■ 23.7706, 30.7931,
43.2195

■ 51.4575, 48.4972,
45.1775

■ 22.2198, 29.5876,
43.0686

■ 57.1238, 51.8702,
45.5299

■ 21.0124, 28.5641,
42.9347

■ 63.3359, 55.5297,
45.9089

■ 20.1160, 27.7059,
42.8163

■ 64.8863, 56.7913,
46.0706

■ 19.4917, 26.9929,
42.7115

■ 65.2012, 57.4211,
46.1756

■ 19.1514, 26.5414,
42.6423

■ 65.5196, 58.0580,
46.2818

Harmonies

Analogous

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



33.6971, 37.7058, 40.7841



33.9331, 37.7058, 44.0176



34.6762, 37.7058, 46.5692

Triad

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



33.9331, 37.7058, 44.0176



37.7151, 37.7058, 44.5125



35.9332, 37.7058, 35.1094

Complementary

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



33.9331, 37.7058, 44.0176



33.2863, 32.9610, 33.0422

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.



37.0259, 37.7058, 35.9946



33.9331, 37.7058, 44.0176



38.0682, 37.7058, 41.3275

Square

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



33.9331, 37.7058, 44.0176



36.8582, 37.7058, 46.8654



37.8134, 37.7058, 38.2288



34.8372, 37.7058, 35.7463

Rectangle

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



33.9331, 37.7058, 44.0176



35.3674, 37.7058, 47.4801



37.8134, 37.7058, 38.2288



36.3132, 37.7058, 35.2378

Sweetspot

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



33.9342, 37.7074, 44.0184



66.4665, 71.1447, 79.2310



32.5304, 37.7450, 34.7789



14.7101, 15.7949, 17.6611



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.



33.9342, 37.7074, 44.0184



59.3319, 66.6037, 78.7306



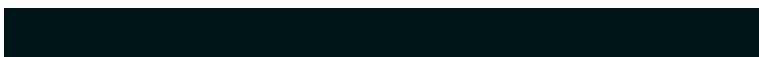
32.0011, 33.8411, 43.3741



8.1732, 8.9459, 10.2486



14.4571, 20.0481, 32.1522



0.4199, 0.5931, 0.9003

Inverse Universe

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



34.7043, 33.0182, 42.0820



60.9477, 56.8229, 74.6552



35.1110, 36.6105, 33.6504



8.3052, 8.1353, 9.9182



17.1609, 8.3269, 24.2907



0.4863, 0.2352, 0.7227

Previews

White Background



This preview shows how the XYZ color 33.9331, 37.7058, 44.0176 looks on a white background.

Color Contrast Check

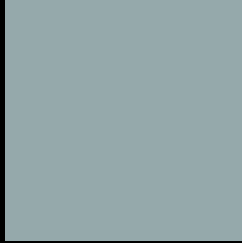
Large Text (above 18pt) WCAG AA × Fail

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 33.9331, 37.7058, 44.0176 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

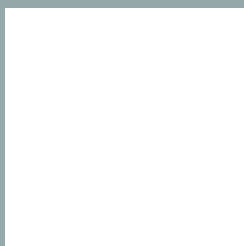
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9331, 37.7058, 44.0176

Background



This preview shows how black text looks on a background with the XYZ color 33.9331, 37.7058, 44.0176.



This preview shows how white text looks on a background with the XYZ color 33.9331, 37.7058,

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

33.9331, 37.7058, 44.0176

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.2451, 37.5059, 44.7588



Tritanopia

34.9217, 37.5529, 49.1239

Trichromacy



Original Color

33.9331, 37.7058, 44.0176

Protanomaly

35.2949, 37.6106, 42.9354

Deuteranomaly

36.4799, 37.3884, 44.3237

Tritanomaly

34.5161, 37.6636, 47.0456

Monochromacy



Original Color

33.9331, 37.7058, 44.0176

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4386, 36.9325, 41.3900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9331, 37.7058, 44.0176 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(149, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 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(149, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.9331, 37.7058, 44.0176 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(149, 169, 171) }
```


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

```
.border{ border-color:rgb(149, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9331, 37.7058, 44.0176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 171) }
```

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

```
.background{ background-color: rgb(149,  
169, 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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