

Converting Colors

XYZ(32.2996, 32.7356, 37.8647)

Have a look what the booklet for
XYZ(32.2996, 32.7356, 37.8647)
contains.

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Color

**XYZ(32.4343, 32.8976,
37.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	A199A0
RGB	161, 153, 160
RGB Percent	63%, 60%, 63%
CMY	0.3686, 0.4000, 0.3725
CMYK	0.00, 0.05, 0.01, 0.37
HSL	308°, 4%, 62%
HSV	308°, 5%, 63%
XYZ	32.4343, 32.8976, 37.8981
YIQ	156.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

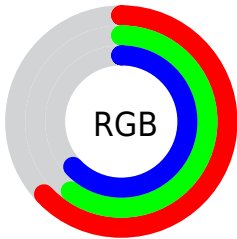
Format	Color
RYB	161, 153, 160
Decimal	10590624
CIELab	64.08, 4.24, -2.62
CIELCh	64, 4.983, 328.278
Yxy	32.8976, 0.3142, 0.3187
Android (android.graphics.Color)	4288780704 (0xFFA199A0)
YUV	156.1900, 1.8783, 4.2184
Hunter-Lab	57.3564, 0.5656, 0.9738

Details

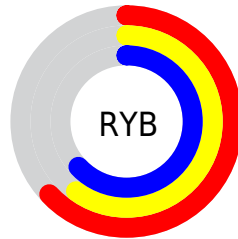
The XYZ color **32.4343, 32.8976, 37.8981** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7157, 34.5959, 35.5796**, and the grayscale version is **31.6766, 33.3263, 36.2923**.

A 20% lighter version of the original color is **62.8975, 64.1309, 73.3534**, and **13.8184, 13.8581, 16.4146** is the 20% darker color. If you saturate the color by 10%, you get **29.8007, 27.9094, 36.1588**, and if you desaturate by 10%, it is **35.4283, 38.6009, 39.7723**.

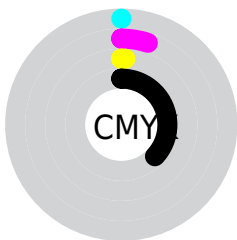
Distribution



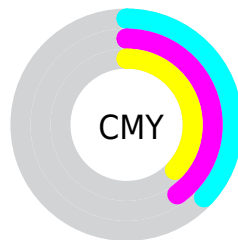
- Red (63%)
- Green (60%)
- Blue (63%)



- Red (63%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (37%)



- Cyan (37%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4343, 32.8976, 37.8981 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 32.4343, 32.8976, 37.8981 by changing the saturation by 10% instead.

■ 32.4343, 32.8976,
37.8981

■ 32.4343, 32.8976,
37.8981

304.8032,
315.1881, 352.4677

■ 21.8506, 22.0480,
25.6024

■ 62.8519, 64.2156,
73.1536

■ 13.8631, 13.8922,
16.3033

■ 83.4166, 85.4529,
96.9505

■ 8.1066, 8.0457,
9.5824

108.0389,
110.9214, 125.4182

■ 4.2156, 4.1242,
5.0210

137.0842,
141.0057, 158.9752

■ 1.8248, 1.7433,
2.2006

170.9180,
176.0901, 198.0402

■ 0.5326, 0.4514,
0.6747

209.9055,

■ 0.0000, 0.0000,

216.5591, 243.0315

0.0000

254.4121,
262.7969, 294.3679

■ 32.4343, 32.8976,
37.8981

■ 32.4343, 32.8976,
37.8981

■ 29.8007, 27.9094,
36.1588

■ 35.4283, 38.6009,
39.7723

■ 27.5103, 23.6037,
34.5476

■ 38.7931, 45.0418,
41.7839

■ 25.5492, 19.9519,
33.0600

■ 42.5423, 52.2470,
43.9379

■ 23.9010, 16.9215,
31.6907

■ 46.6881, 60.2406,
46.2382

■ 22.5481, 14.4772,
30.4335

■ 51.2419, 69.0457,
48.6889

■ 21.4712, 12.5805,
29.2822

■ 56.2148, 78.6843,
51.2937

■ 20.6486, 11.1878,
28.2292

■ 58.1069, 82.1567,
52.8860

■ 20.0552, 10.2494,
27.2662

■ 58.3048, 82.2358,
53.9281

■ 19.6600, 9.7026,
26.3828

■ 58.5057, 82.3162,
54.9858

Harmonies

Analogous

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



31.9141, 32.8976, 39.3452



32.4343, 32.8976, 37.8981



32.6414, 32.8976, 35.9366

Triad

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



32.4343, 32.8976, 37.8981



31.3089, 32.8976, 32.0814



30.0907, 32.8976, 37.6889

Complementary

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



32.4343, 32.8976, 37.8981



31.7157, 34.5959, 35.5796

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.



29.9340, 32.8976, 35.7035



32.4343, 32.8976, 37.8981



30.6310, 32.8976, 32.5118

Square

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



32.4343, 32.8976, 37.8981



31.9857, 32.8976, 32.6211



30.1304, 32.8976, 33.8191



30.5615, 32.8976, 39.2212

Rectangle

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



32.4343, 32.8976, 37.8981



32.5718, 32.8976, 34.6172



30.1304, 32.8976, 33.8191



29.9998, 32.8976, 37.0501

Sweetspot

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



32.4352, 32.8990, 37.8988



60.1264, 62.7954, 69.1686



31.1394, 32.2208, 38.2966



13.1936, 13.7853, 15.1741



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.4352, 32.8990, 37.8988



57.5155, 57.8312, 67.5039



32.0966, 32.7636, 36.1156



7.5026, 7.5218, 8.8186



15.5812, 7.5886, 20.7833



0.3374, 0.1634, 0.4892

Inverse Universe

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



32.4352, 32.8990, 37.8988



57.5155, 57.8312, 67.5039



32.0486, 34.7291, 37.3328



7.5026, 7.5218, 8.8186



15.5812, 7.5886, 20.7833



0.3374, 0.1634, 0.4892

Previews

White Background



This preview shows how the XYZ color 32.4343, 32.8976, 37.8981 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 32.4343, 32.8976, 37.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

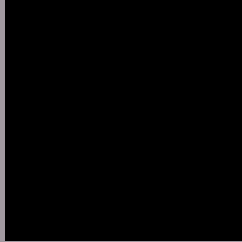
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4343, 32.8976, 37.8981

Background



This preview shows how black text looks on a background with the XYZ color 32.4343, 32.8976, 37.8981.



This preview shows how white text looks on a background with the XYZ color 32.4343, 32.8976,

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

32.4343, 32.8976, 37.8981

Protanopia

31.6989, 32.7523, 38.3693

Deuteranopia

33.5602, 32.9961, 37.8578



Tritanopia

32.8294, 32.8182, 39.7262

Trichromacy



Original Color

32.4343, 32.8976, 37.8981

Protanomaly

32.0892, 32.9535, 38.3876

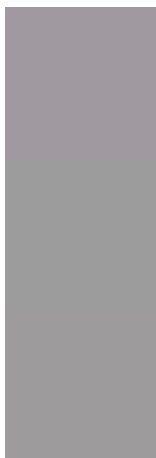
Deuteranomaly

33.0904, 32.9939, 37.8821

Tritanomaly

32.7394, 32.7822, 39.2524

Monochromacy



Original Color

32.4343, 32.8976, 37.8981

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9077, 33.1461, 36.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4343, 32.8976, 37.8981 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(161, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(161, 153, 160)  
}
```

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(161, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 153, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.4343, 32.8976, 37.8981 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(161, 153, 160) }
```


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

```
.border{ border-color:rgb(161, 153, 160) }
```

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

Here you see how a box with a 4 pixel rgb(161, 153, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(161, 153,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4343, 32.8976, 37.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 153, 160) }
```

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

```
.background{ background-color: rgb(161,  
153, 160) }
```

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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