

Converting Colors

XYZ(32.9231, 34.8030, 41.8983)

Have a look what the booklet for
XYZ(32.9231, 34.8030, 41.8983)
contains.

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Color

**XYZ(32.9651, 34.8388,
42.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA0A8
RGB	154, 160, 168
RGB Percent	60%, 63%, 66%
CMY	0.3961, 0.3725, 0.3412
CMYK	0.08, 0.05, 0.00, 0.34
HSL	214°, 7%, 63%
HSV	214°, 8%, 66%
XYZ	32.9651, 34.8388, 42.0329
YIQ	159.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

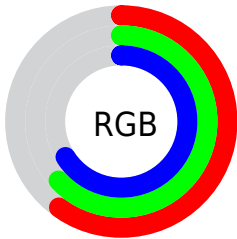
Format	Color
RYB	154, 158, 168
Decimal	10133672
CIELab	65.62, -0.53, -4.90
CIELCh	66, 4.925, 263.876
Yxy	34.8388, 0.3001, 0.3172
Android (android.graphics.Color)	4288323752 (0xFF9AA0A8)
YUV	159.1180, 4.3788, -4.4885
Hunter-Lab	59.0244, -3.6005, -0.9050

Details

The XYZ color **32.9651, 34.8388, 42.0329** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9016, 36.4982, 35.7777**, and the grayscale version is **32.9921, 34.7102, 37.7994**.

A 20% lighter version of the original color is **63.6321, 67.3385, 79.4559**, and **14.2145, 15.0818, 18.6849** is the 20% darker color. If you saturate the color by 10%, you get **28.3889, 30.1054, 41.3610**, and if you desaturate by 10%, it is **38.1193, 40.0628, 42.7701**.

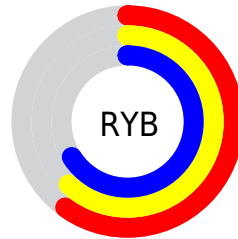
Distribution



Red (60%)

Green (63%)

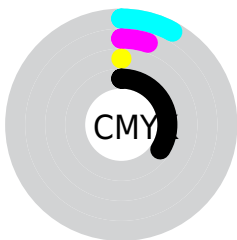
Blue (66%)



Red (60%)

Yellow (62%)

Blue (66%)

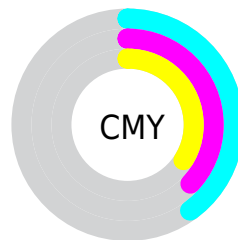


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (34%)



Cyan (40%)

Magenta (37%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9651, 34.8388, 42.0329 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 32.9651, 34.8388, 42.0329 by changing the saturation by 10% instead.

■ 32.9651, 34.8388,
42.0329

■ 32.9651, 34.8388,
42.0329

307.1602,
323.8562, 370.4230

■ 22.2588, 23.5387,
28.8013

■ 63.6761, 67.2360,
79.5200

■ 14.1649, 14.9918,
18.6863

■ 84.4115, 89.1019,
104.6127

■ 8.3179, 8.8136,
11.2693

109.2207,
115.2585, 134.4960

■ 4.3525, 4.6198,
6.1318

138.4689,
146.0902, 169.5887

■ 1.9034, 2.0260,
2.8553

172.5217,
181.9814, 210.3092

■ 0.5788, 0.6225,
1.0212

211.7442,

■ 0.0000, 0.0000,

223.3166, 257.0760

0.0000

256.5019,
270.4801, 310.3078

■ 32.9651, 34.8388,
42.0329

■ 32.9651, 34.8388,
42.0329

■ 28.3889, 30.1054,
41.3610

■ 38.1193, 40.0628,
42.7701

■ 24.3663, 25.8427,
40.7502

■ 43.8687, 45.7875,
43.5721

■ 20.8756, 22.0363,
40.1995

■ 50.2335, 52.0283,
44.4412

■ 17.8924, 18.6688,
39.7067

■ 57.2319, 58.7984,
45.3791

■ 15.3901, 15.7219,
39.2698

■ 64.8815, 66.1108,
46.3874

■ 13.3397, 13.1755,
38.8864

■ 73.1992, 73.9777,
47.4674

■ 11.7086, 11.0076,
38.5539

■ 75.8270, 79.1251,
48.3225

■ 10.4592, 9.1933,
38.2695

■ 78.5283, 84.5278,
49.2229

■ 9.5273, 7.6938,
38.0292

■ 81.3783, 90.2278,
50.1729

Harmonies

Analogous

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



32.3001, 34.8388, 41.2423



32.9651, 34.8388, 42.0329



33.6793, 34.8388, 41.6932

Triad

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



32.9651, 34.8388, 42.0329



34.4012, 34.8388, 36.3442



32.0026, 34.8388, 35.6337

Complementary

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



32.9651, 34.8388, 42.0329



34.9016, 36.4982, 35.7777

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.



32.5535, 34.8388, 34.4070



32.9651, 34.8388, 42.0329



33.9399, 34.8388, 34.8066

Square

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



32.9651, 34.8388, 42.0329



34.5153, 34.8388, 38.3600



33.2618, 34.8388, 34.1098



31.7497, 34.8388, 37.5102

Rectangle

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



32.9651, 34.8388, 42.0329



34.0865, 34.8388, 40.8775



33.2618, 34.8388, 34.1098



32.1587, 34.8388, 35.1344

Sweetspot

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



32.9661, 34.8403, 42.0337



65.5847, 69.0842, 77.1030



33.8453, 37.4821, 39.6028



14.3185, 15.0815, 16.8085



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.9661, 34.8403, 42.0337



58.2065, 61.5662, 76.0407



32.1288, 32.9009, 41.7035



7.3864, 7.8097, 9.5365



7.1379, 5.7359, 28.7064



0.2248, 0.2418, 0.7155

Inverse Universe

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



34.0500, 33.9748, 38.0226



60.5888, 59.7013, 67.2160



35.7863, 38.5617, 36.1294



7.6596, 7.5937, 8.5248



13.1035, 6.6501, 5.3564



0.3446, 0.1721, 0.2662

Previews

White Background



This preview shows how the XYZ color 32.9651, 34.8388, 42.0329 looks on a white background.

Color Contrast Check

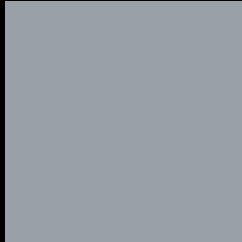
Large Text (above 18pt) WCAG AA × Fail

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 32.9651, 34.8388, 42.0329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

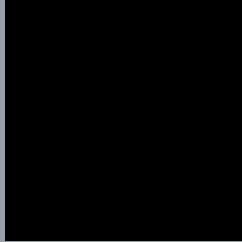
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9651, 34.8388, 42.0329

Background



This preview shows how black text looks on a background with the XYZ color 32.9651, 34.8388, 42.0329.



This preview shows how white text looks on a background with the XYZ color 32.9651, 34.8388,

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

32.9651, 34.8388, 42.0329

Protanopia

33.6991, 34.7173, 41.4842

Deuteranopia

35.4603, 34.8533, 42.3945



Tritanopia

33.3621, 34.7434, 43.9775

Trichromacy



Original Color

32.9651, 34.8388, 42.0329

Protanomaly

33.4737, 34.8554, 41.5227

Deuteranomaly

34.5282, 34.8710, 42.4471

Tritanomaly

33.2664, 34.7051, 43.4735

Monochromacy



Original Color

32.9651, 34.8388, 42.0329

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8244, 34.5730, 39.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9651, 34.8388, 42.0329 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(154, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 160, 168)  
}
```

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(154, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.9651, 34.8388, 42.0329 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(154, 160, 168) }
```


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

```
.border{ border-color:rgb(154, 160, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 160, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 160, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 160,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9651, 34.8388, 42.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 160, 168) }
```

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

```
.background{ background-color: rgb(154,  
160, 168) }
```

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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