

Converting Colors

XYZ(32.3782, 34.7837, 40.2245)

Have a look what the booklet for
XYZ(32.3782, 34.7837, 40.2245)
contains.

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Color

**XYZ(32.3946, 34.8455,
40.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	98A1A4
RGB	152, 161, 164
RGB Percent	60%, 63%, 64%
CMY	0.4039, 0.3686, 0.3569
CMYK	0.07, 0.02, 0.00, 0.36
HSL	195°, 6%, 62%
HSV	195°, 7%, 64%
XYZ	32.3946, 34.8455, 40.1404
YIQ	158.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

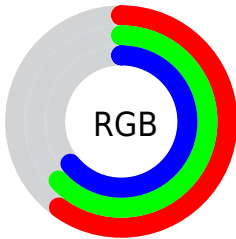
Format	Color
RYB	152, 157, 164
Decimal	10002852
CIELab	65.63, -2.59, -2.67
CIELCh	66, 3.716, 225.899
Yxy	34.8455, 0.3017, 0.3245
Android (android.graphics.Color)	4288192932 (0xFF98A1A4)
YUV	158.6510, 2.6371, -5.8329
Hunter-Lab	59.0301, -5.3452, 1.0039

Details

The XYZ color **32.3946, 34.8455, 40.1404** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6987, 33.6018, 34.4687**, and the grayscale version is **32.7866, 34.4941, 37.5640**.

A 20% lighter version of the original color is **62.7956, 67.3480, 76.7076**, and **13.8674, 15.0884, 17.5107** is the 20% darker color. If you saturate the color by 10%, you get **28.8309, 31.9639, 39.7726**, and if you desaturate by 10%, it is **36.4082, 37.9957, 40.5375**.

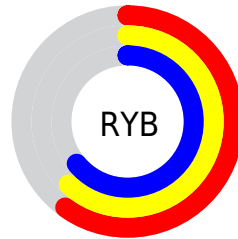
Distribution



Red (60%)

Green (63%)

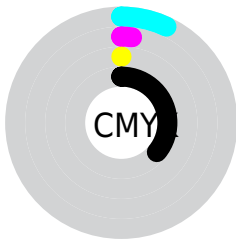
Blue (64%)



Red (60%)

Yellow (62%)

Blue (64%)

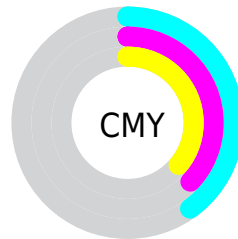


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (40%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3946, 34.8455, 40.1404 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 32.3946, 34.8455, 40.1404 by changing the saturation by 10% instead.

■ 32.3946, 34.8455,
40.1404

■ 32.3946, 34.8455,
40.1404

304.6263,
323.8859, 362.2847

■ 21.8201, 23.5439,
27.3334

■ 62.7902, 67.2464,
76.6167

■ 13.8406, 14.9956,
17.5891

■ 83.3420, 89.1144,
101.1231

■ 8.0909, 8.8163,
10.4890

107.9503,
115.2733, 130.3663

■ 4.2054, 4.6216,
5.6146

136.9804,
146.1076, 164.7650

■ 1.8190, 2.0270,
2.5472

170.7977,
182.0016, 204.7376

■ 0.5291, 0.6231,
0.8650

209.7676,

■ 0.0000, 0.0000,

223.3397, 250.7027

0.0000

254.2553,
270.5063, 303.0789

■ 32.3946, 34.8455,
40.1404

■ 32.3946, 34.8455,
40.1404

■ 28.8309, 31.9639,
39.7726

■ 36.4082, 37.9957,
40.5375

■ 25.6967, 29.3373,
39.4308

■ 40.8852, 41.4191,
40.9623

■ 22.9740, 26.9570,
39.1148

■ 45.8423, 45.1254,
41.4164

■ 20.6429, 24.8123,
38.8237

■ 51.2945, 49.1227,
41.9006

■ 18.6814, 22.8917,
38.5564

■ 57.2559, 53.4186,
42.4156

■ 17.0652, 21.1822,
38.3116

■ 63.7403, 58.0205,
42.9621

■ 15.7671, 19.6695,
38.0880

■ 66.2847, 60.6279,
43.3312

■ 14.7556, 18.3369,
37.8841

■ 67.1825, 62.4235,
43.6305

■ 13.9809, 17.1585,
37.6975

■ 68.1054, 64.2694,
43.9381

Harmonies

Analogous

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



32.1205, 34.8455, 38.7702



32.3946, 34.8455, 40.1404



32.8646, 34.8455, 40.9312

Triad

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



32.3946, 34.8455, 40.1404



34.1479, 34.8455, 38.6778



32.8329, 34.8455, 35.1230

Complementary

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



32.3946, 34.8455, 40.1404



32.6987, 33.6018, 34.4687

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.



33.3759, 34.8455, 35.0998



32.3946, 34.8455, 40.1404



34.1392, 34.8455, 37.1234

Square

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



32.3946, 34.8455, 40.1404



33.8790, 34.8455, 40.0712



33.8553, 34.8455, 35.8231



32.3717, 34.8455, 35.8873

Rectangle

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



32.3946, 34.8455, 40.1404



33.2276, 34.8455, 41.0098



33.8553, 34.8455, 35.8231



33.0119, 34.8455, 35.0290

Sweetspot

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



32.3956, 34.8470, 40.1412



62.5446, 66.2085, 73.2354



32.1245, 35.5867, 36.0987



13.6923, 14.4893, 16.0126



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.3956, 34.8470, 40.1412



57.5437, 62.2470, 72.7343



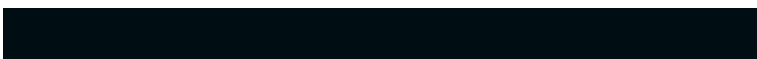
31.4049, 32.8656, 39.8109



7.1256, 7.7102, 9.0157



10.6114, 13.0021, 28.8802



0.2569, 0.3411, 0.6182

Inverse Universe

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



32.9719, 32.9228, 38.3369



58.8439, 57.9441, 68.6546



33.6878, 35.5799, 34.7984



7.2884, 7.1718, 8.5050



14.5016, 7.1567, 15.0979



0.3219, 0.1572, 0.4075

Previews

White Background



This preview shows how the XYZ color 32.3946, 34.8455, 40.1404 looks on a white background.

Color Contrast Check

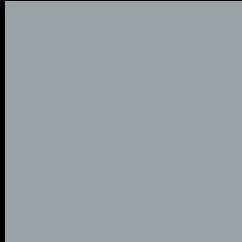
Large Text (above 18pt) WCAG AA × Fail

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 32.3946, 34.8455, 40.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

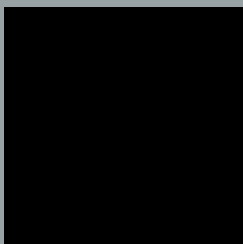
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

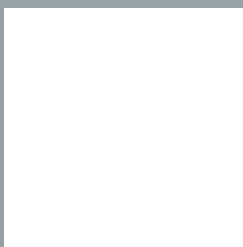
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3946, 34.8455, 40.1404

Background



This preview shows how black text looks on a background with the XYZ color 32.3946, 34.8455, 40.1404.



This preview shows how white text looks on a background with the XYZ color 32.3946, 34.8455,

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

32.3946, 34.8455, 40.1404

Protanopia

33.4464, 34.6394, 39.1057

Deuteranopia

35.3604, 34.5985, 40.4118



Tritanopia

33.1541, 34.8925, 44.0172

Trichromacy



Original Color

32.3946, 34.8455, 40.1404

Protanomaly

33.1095, 34.7097, 39.6049

Deuteranomaly

34.3656, 34.8299, 40.5089

Tritanomaly

32.8691, 34.7785, 42.5166

Monochromacy



Original Color

32.3946, 34.8455, 40.1404

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7141, 34.7827, 38.7077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3946, 34.8455, 40.1404 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(152, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(152, 161, 164)  
}
```

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(152, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 161, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.3946, 34.8455, 40.1404 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(152, 161, 164) }
```


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

```
.border{ border-color:rgb(152, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(152, 161,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3946, 34.8455, 40.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 161, 164) }
```

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

```
.background{ background-color: rgb(152,  
161, 164) }
```

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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