

Converting Colors

XYZ(32.3285, 33.9840, 41.4883)

Have a look what the booklet for
XYZ(32.3285, 33.9840, 41.4883)
contains.

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Color

**XYZ(32.3388, 34.0160,
41.4205)**

Conversions

Conversions Part 1

Format	Color
Hex	999EA7
RGB	153, 158, 167
RGB Percent	60%, 62%, 65%
CMY	0.4000, 0.3804, 0.3451
CMYK	0.08, 0.05, 0.00, 0.35
HSL	219°, 7%, 63%
HSV	219°, 8%, 65%
XYZ	32.3388, 34.0160, 41.4205
YIQ	157.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

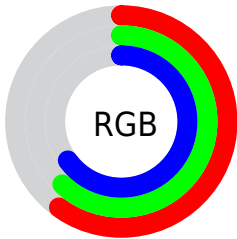
Format	Color
RYB	153, 157, 167
Decimal	10067623
CIELab	64.98, 0.03, -5.30
CIELCh	65, 5.303, 270.296
Yxy	34.0160, 0.3001, 0.3156
Android (android.graphics.Color)	4288257703 (0xFF999EA7)
YUV	157.5310, 4.6682, -3.9737
Hunter-Lab	58.3232, -3.0918, -1.2808

Details

The XYZ color **32.3388, 34.0160, 41.4205** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6067, 36.3560, 35.3312**, and the grayscale version is **32.2694, 33.9499, 36.9715**.

A 20% lighter version of the original color is **62.7112, 66.1278, 78.5660**, and **13.8317, 14.5780, 18.3045** is the 20% darker color. If you saturate the color by 10%, you get **27.6533, 29.0011, 40.7000**, and if you desaturate by 10%, it is **37.6274, 39.5810, 42.2164**.

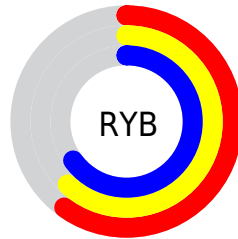
Distribution



Red (60%)

Green (62%)

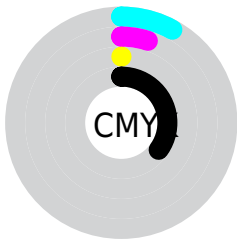
Blue (65%)



Red (60%)

Yellow (62%)

Blue (65%)

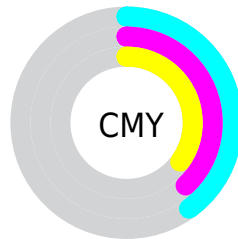


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3388, 34.0160, 41.4205 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 32.3388, 34.0160, 41.4205 by changing the saturation by 10% instead.

■ 32.3388, 34.0160,
41.4205

■ 32.3388, 34.0160,
41.4205

304.3777,
320.2034, 367.8036

■ 21.7772, 22.9059,
28.3256

■ 62.7035, 65.9585,
78.5824

■ 13.8090, 14.5240,
18.3301

■ 83.2372, 87.5598,
103.4865

■ 8.0687, 8.4860,
11.0153

107.8258,
113.4268, 133.1641

■ 4.1911, 4.4075,
5.9629

136.8345,
143.9441, 168.0338

■ 1.8108, 1.9040,
2.7541

170.6287,
179.4960, 208.5140

■ 0.5242, 0.5508,
0.9705

209.5737,

■ 0.0000, 0.0000,

220.4669, 255.0234

0.0000

254.0349,
267.2413, 307.9804

■ 32.3388, 34.0160,
41.4205

■ 32.3388, 34.0160,
41.4205

■ 27.6533, 29.0011,
40.7000

■ 37.6274, 39.5810,
42.2164

■ 23.5457, 24.5146,
40.0505

■ 43.5371, 45.7086,
43.0877

■ 19.9931, 20.5393,
39.4704

■ 50.0891, 52.4161,
44.0371

■ 16.9702, 17.0555,
38.9573

■ 57.3025, 59.7188,
45.0664

■ 14.4494, 14.0422,
38.5086

■ 65.1954, 67.6314,
46.1777

■ 12.4004, 11.4766,
38.1213

■ 73.7855, 76.1680,
47.3727

■ 10.7895, 9.3335,
37.7926

■ 77.3929, 82.4056,
48.3865

■ 9.5778, 7.5850,
37.5190

■ 80.5269, 88.6736,
49.4312

■ 8.6993, 6.1882,
37.2957

■ 83.8489, 95.3176,
50.5386

Harmonies

Analogous

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



31.6064, 34.0160, 40.8259



32.3388, 34.0160, 41.4205



33.0803, 34.0160, 40.8026

Triad

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



32.3388, 34.0160, 41.4205



33.6204, 34.0160, 34.9490



31.0680, 34.0160, 34.9854

Complementary

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



32.3388, 34.0160, 41.4205



34.6067, 36.3560, 35.3312

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.



31.5934, 34.0160, 33.5117



32.3388, 34.0160, 41.4205



33.0669, 34.0160, 33.4913

Square

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



32.3388, 34.0160, 41.4205



33.8274, 34.0160, 37.0158



32.3236, 34.0160, 32.9754



30.8798, 34.0160, 37.0594

Rectangle

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



32.3388, 34.0160, 41.4205



33.4783, 34.0160, 39.7998



32.3236, 34.0160, 32.9754



31.2106, 34.0160, 34.4063

Sweetspot

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



32.3398, 34.0174, 41.4213



62.8272, 66.1076, 74.9240



33.4660, 37.0142, 39.5015



13.8923, 14.6176, 16.7414



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.



32.3398, 34.0174, 41.4213



56.3302, 59.2354, 73.9399



31.8590, 32.5286, 41.1592



7.3430, 7.7229, 9.5220



6.6033, 4.6668, 28.5282



0.2090, 0.2102, 0.7102

Inverse Universe

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



33.4999, 33.4674, 37.0435



58.8309, 58.0804, 64.4969



35.1139, 37.9515, 35.6124



7.6377, 7.5849, 8.4094



12.8336, 6.5422, 3.9356



0.3366, 0.1689, 0.2242

Previews

White Background



This preview shows how the XYZ color 32.3388, 34.0160, 41.4205 looks on a white background.

Color Contrast Check

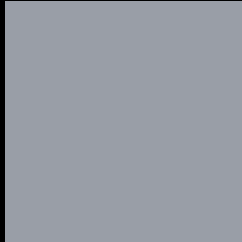
Large Text (above 18pt) WCAG AA × Fail

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 32.3388, 34.0160, 41.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

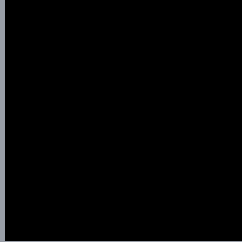
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3388, 34.0160, 41.4205

Background



This preview shows how black text looks on a background with the XYZ color 32.3388, 34.0160, 41.4205.



This preview shows how white text looks on a background with the XYZ color 32.3388, 34.0160,

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

32.3388, 34.0160, 41.4205

Protanopia

33.0405, 34.1362, 40.9239

Deuteranopia

34.6076, 33.9344, 41.7718



Tritanopia

32.8090, 34.2260, 42.9073

Trichromacy



Original Color

32.3388, 34.0160, 41.4205

Protanomaly

32.6502, 33.9350, 40.9057

Deuteranomaly

33.8935, 34.0564, 41.8329

Tritanomaly

32.7147, 34.1883, 42.4109

Monochromacy



Original Color

32.3388, 34.0160, 41.4205

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3702, 34.0948, 38.5931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3388, 34.0160, 41.4205 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(153, 158, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 167)  
}
```

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(153, 158, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.3388, 34.0160, 41.4205 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(153, 158, 167) }
```


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

```
.border{ border-color:rgb(153, 158, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 158, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3388, 34.0160, 41.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 167) }
```

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

```
.background{ background-color: rgb(153,  
158, 167) }
```

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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