

Converting Colors

XYZ(32.3716, 33.7556, 41.1800)

Have a look what the booklet for
XYZ(32.3716, 33.7556, 41.1800)
contains.

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Color

**XYZ(32.3584, 33.7740,
41.3728)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9DA7
RGB	154, 157, 167
RGB Percent	60%, 62%, 65%
CMY	0.3961, 0.3843, 0.3451
CMYK	0.08, 0.06, 0.00, 0.35
HSL	226°, 7%, 63%
HSV	226°, 8%, 65%
XYZ	32.3584, 33.7740, 41.3728
YIQ	157.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

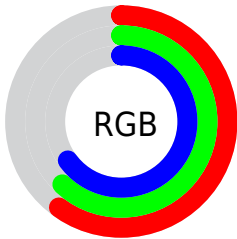
Format	Color
RYB	154, 156, 167
Decimal	10132903
CIELab	64.78, 0.93, -5.58
CIELCh	65, 5.656, 279.439
Yxy	33.7740, 0.3010, 0.3142
Android (android.graphics.Color)	4288322983 (0xFF9A9DA7)
YUV	157.2430, 4.8102, -2.8441
Hunter-Lab	58.1154, -2.3139, -1.5282

Details

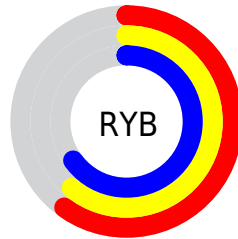
The XYZ color **32.3584, 33.7740, 41.3728** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0445, 37.0990, 35.8860**, and the grayscale version is **32.1386, 33.8123, 36.8216**.

A 20% lighter version of the original color is **62.7407, 65.7708, 78.4955**, and **13.8421, 14.4294, 18.2753** is the 20% darker color. If you saturate the color by 10%, you get **27.3388, 28.1293, 40.5483**, and if you desaturate by 10%, it is **38.0506, 40.1064, 42.2956**.

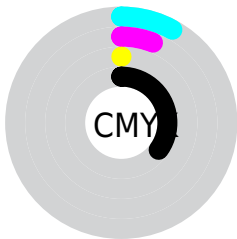
Distribution



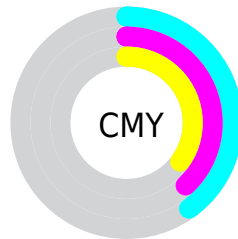
- Red (60%)
- Green (62%)
- Blue (65%)



- Red (60%)
- Yellow (61%)
- Blue (65%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3584, 33.7740, 41.3728 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 32.3584, 33.7740, 41.3728 by changing the saturation by 10% instead.

■ 32.3584, 33.7740,
41.3728

■ 32.3584, 33.7740,
41.3728

304.4650,
319.1231, 367.5990

■ 21.7923, 22.7200,
28.2886

■ 62.7339, 65.5821,
78.5093

■ 13.8201, 14.3869,
18.3024

■ 83.2741, 87.1050,
103.3987

■ 8.0765, 8.3903,
10.9956

107.8695,
112.8863, 133.0602

■ 4.1962, 4.3457,
5.9498

136.8858,
143.3104, 167.9124

■ 1.8137, 1.8687,
2.7463

170.6881,
178.7618, 208.3739

■ 0.5259, 0.5295,
0.9666

209.6418,

■ 0.0000, 0.0000,

219.6248, 254.8631

0.0000

254.1123,
266.2838, 307.7986

■ 32.3584, 33.7740,
41.3728

■ 32.3584, 33.7740,
41.3728

■ 27.3388, 28.1293,
40.5483

■ 38.0506, 40.1064,
42.2956

■ 22.9636, 23.1446,
39.8168

■ 44.4364, 47.1443,
43.3175

■ 19.2072, 18.7965,
39.1755

■ 51.5392, 54.9106,
44.4422

■ 16.0407, 15.0587,
38.6209

■ 59.3807, 63.4254,
45.6724

■ 13.4332, 11.9029,
38.1492

■ 67.9816, 72.7084,
47.0109

■ 11.3507, 9.2986,
37.7563

■ 77.3617, 82.7783,
48.4602

■ 9.7552, 7.2122,
37.4377

■ 81.4459, 90.5115,
49.7376

■ 8.6033, 5.6059,
37.1884

■ 83.9752, 95.5701,
50.5807

■ 7.8290, 4.4291,
37.0020

Harmonies

Analogous

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



31.5549, 33.7740, 41.1302



32.3584, 33.7740, 41.3728



33.1052, 33.7740, 40.3436

Triad

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



32.3584, 33.7740, 41.3728



33.3245, 33.7740, 34.0010



30.6587, 33.7740, 35.2231

Complementary

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



32.3584, 33.7740, 41.3728



35.0445, 37.0990, 35.8860

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.



31.1177, 33.7740, 33.4217



32.3584, 33.7740, 41.3728



32.6537, 33.7740, 32.7370

Square

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



32.3584, 33.7740, 41.3728



33.6691, 33.7740, 36.0443



31.8453, 33.7740, 32.5295



30.5827, 33.7740, 37.5138

Rectangle

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



32.3584, 33.7740, 41.3728



33.4671, 33.7740, 39.0993



31.8453, 33.7740, 32.5295



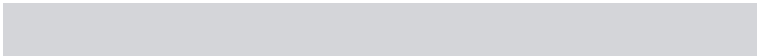
30.7730, 33.7740, 34.5430

Sweetspot

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



32.3594, 33.7754, 41.3735



63.6622, 66.8538, 75.0240



33.8435, 37.1871, 40.5008



14.2727, 14.9898, 16.7932



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.



32.3594, 33.7754, 41.3735



56.6430, 59.0230, 73.8824



32.5270, 33.1168, 41.2376



7.2672, 7.5714, 9.4967



5.9141, 3.2884, 28.2985



0.1810, 0.1542, 0.7009

Inverse Universe

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



33.5785, 33.7616, 36.6469



59.1933, 59.0085, 63.9911



34.8657, 37.8140, 36.0335



7.5995, 7.5697, 8.2080



12.4858, 6.4030, 2.1036



0.3225, 0.1633, 0.1498

Previews

White Background



This preview shows how the XYZ color 32.3584, 33.7740, 41.3728 looks on a white background.

Color Contrast Check

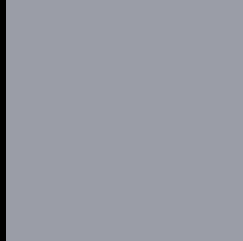
Large Text (above 18pt) WCAG AA × Fail

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 32.3584, 33.7740, 41.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

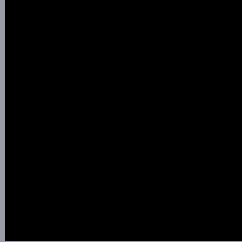
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.3584, 33.7740, 41.3728

Background



This preview shows how black text looks on a background with the XYZ color 32.3584, 33.7740, 41.3728.



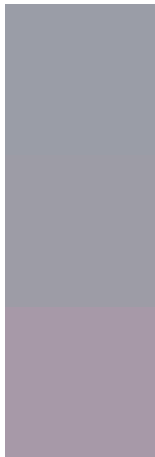
This preview shows how white text looks on a background with the XYZ color 32.3584, 33.7740,

41.3728.

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

32.3584, 33.7740, 41.3728

Protanopia

32.6760, 33.6982, 40.8586

Deuteranopia

34.3955, 33.8251, 41.7619



Tritanopia

32.5448, 33.8485, 42.3542

Trichromacy



Original Color

32.3584, 33.7740, 41.3728

Protanomaly

32.4817, 33.5980, 40.8495

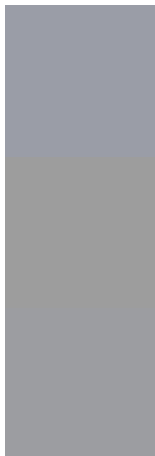
Deuteranomaly

33.5238, 33.6197, 41.7682

Tritanomaly

32.4513, 33.8111, 41.8616

Monochromacy



Original Color

32.3584, 33.7740, 41.3728

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.2003, 33.7551, 38.5365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3584, 33.7740, 41.3728 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, 157, 167) looks like.

```
.text, #text, p{  
    color:rgb(154, 157, 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(154, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 157, 167) }
```

Border

The CSS property to change the border of an element to XYZ 32.3584, 33.7740, 41.3728 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, 157, 167) }
```


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

```
.border{ border-color:rgb(154, 157, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 157,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3584, 33.7740, 41.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 157, 167) }
```

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

```
.background{ background-color: rgb(154,  
157, 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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