

Converting Colors

XYZ(32.3382, 34.4880, 43.1674)

Have a look what the booklet for
XYZ(32.3382, 34.4880, 43.1674)
contains.

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Color

**XYZ(32.2209, 34.4335,
42.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	95A0AA
RGB	149, 160, 170
RGB Percent	58%, 63%, 67%
CMY	0.4157, 0.3725, 0.3333
CMYK	0.12, 0.06, 0.00, 0.33
HSL	209°, 11%, 63%
HSV	209°, 12%, 67%
XYZ	32.2209, 34.4335, 42.9783
YIQ	157.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

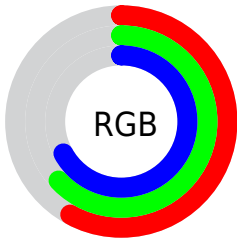
Format	Color
RYB	149, 156, 170
Decimal	9805994
CIELab	65.31, -1.82, -6.53
CIElCh	65, 6.777, 254.427
Yxy	34.4335, 0.2939, 0.3141
Android (android.graphics.Color)	4287996074 (0xFF95A0AA)
YUV	157.8510, 5.9895, -7.7623
Hunter-Lab	58.6801, -4.6767, -2.3490

Details

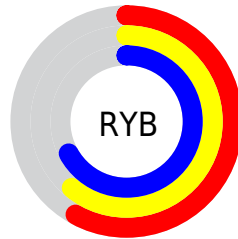
The XYZ color **32.2209, 34.4335, 42.9783** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4006, 35.5118, 33.4756**, and the grayscale version is **32.4096, 34.0974, 37.1321**.

A 20% lighter version of the original color is **62.5196, 66.7336, 80.8199**, and **13.7757, 14.8420, 19.2783** is the 20% darker color. If you saturate the color by 10%, you get **27.9854, 30.2355, 42.3918**, and if you desaturate by 10%, it is **37.0025, 39.0505, 43.6180**.

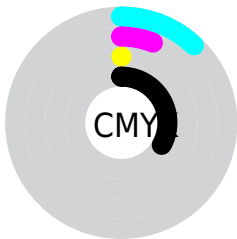
Distribution



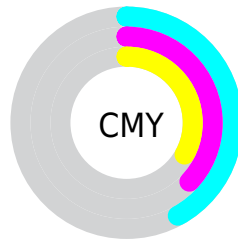
- Red (58%)
- Green (63%)
- Blue (67%)



- Red (58%)
- Yellow (61%)
- Blue (67%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2209, 34.4335, 42.9783 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 32.2209, 34.4335, 42.9783 by changing the saturation by 10% instead.

■ 32.2209, 34.4335,
42.9783

■ 32.2209, 34.4335,
42.9783

303.8517,
322.0607, 374.4411

■ 21.6866, 23.2268,
29.5368

■ 62.5201, 66.6072,
80.9641

■ 13.7421, 14.7611,
19.2382

■ 83.0157, 88.3431,
106.3455

■ 8.0220, 8.6519,
11.6640

107.5626,
114.3574, 136.5440

■ 4.1610, 4.5148,
6.3956

136.5259,
145.0347, 171.9781

■ 1.7936, 1.9655,
3.0144

170.2711,
180.7593, 213.0663

■ 0.5138, 0.5873,
1.1020

209.1636,

■ 0.0000, 0.0000,

221.9155, 260.2272

0.0000

253.5687,
268.8879, 313.8793

■ 32.2209, 34.4335,
42.9783

■ 32.2209, 34.4335,
42.9783

■ 27.9854, 30.2355,
42.3918

■ 37.0025, 39.0505,
43.6180

■ 24.2718, 26.4386,
41.8546

■ 42.3472, 44.0950,
44.3100

■ 21.0583, 23.0299,
41.3661

■ 48.2750, 49.5806,
45.0564

■ 18.3204, 19.9941,
40.9244

■ 54.8039, 55.5189,
45.8585

■ 16.0313, 17.3145,
40.5278

■ 61.9511, 61.9212,
46.7176

■ 14.1613, 14.9730,
40.1744

■ 69.7333, 68.7983,
47.6348

■ 12.6766, 12.9491,
39.8620

■ 73.2199, 73.6105,
48.3799

■ 11.5374, 11.2191,
39.5882

■ 75.3530, 77.8768,
49.0909

■ 10.8340, 10.0588,
39.4013

■ 77.5898, 82.3504,
49.8365

Harmonies

Analogous

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



31.3907, 34.4335, 41.4291



32.2209, 34.4335, 42.9783



33.2034, 34.4335, 43.0091

Triad

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



32.2209, 34.4335, 42.9783



34.6016, 34.4335, 36.1536



31.4168, 34.4335, 33.7413

Complementary

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



32.2209, 34.4335, 42.9783



34.4006, 35.5118, 33.4756

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.



32.2572, 34.4335, 32.4685



32.2209, 34.4335, 42.9783



34.1028, 34.4335, 33.8130

Square

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



32.2209, 34.4335, 42.9783



34.5914, 34.4335, 38.9711



33.2404, 34.4335, 32.4941



30.9328, 34.4335, 36.0512

Rectangle

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



32.2209, 34.4335, 42.9783



33.8133, 34.4335, 42.1590



33.2404, 34.4335, 32.4941



31.6662, 34.4335, 33.1833

Sweetspot

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



32.2219, 34.4349, 42.9791



65.5727, 69.3572, 78.9331



33.0103, 37.6358, 38.2351



14.4753, 15.3253, 17.5828



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.2219, 34.4349, 42.9791



56.1183, 60.1765, 77.6594



30.5092, 31.0094, 42.4081



7.4448, 7.9265, 9.5559



8.0257, 7.5116, 29.0024



0.2460, 0.2842, 0.7225

Inverse Universe

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



33.6709, 32.5796, 37.7733



59.3256, 56.1741, 66.1135



36.2467, 39.2042, 34.0910



7.6891, 7.6055, 8.6801



13.5516, 6.8294, 7.7163



0.3553, 0.1764, 0.3226

Previews

White Background



This preview shows how the XYZ color 32.2209, 34.4335, 42.9783 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 32.2209, 34.4335, 42.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

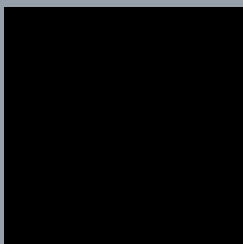
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

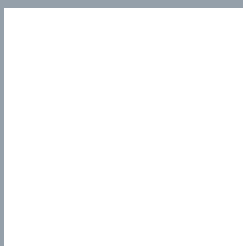
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2209, 34.4335, 42.9783

Background



This preview shows how black text looks on a background with the XYZ color 32.2209, 34.4335, 42.9783.



This preview shows how white text looks on a background with the XYZ color 32.2209, 34.4335,

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

32.2209, 34.4335, 42.9783

Protanopia

33.2254, 34.2102, 41.8978

Deuteranopia

35.0547, 34.3763, 43.3158



Tritanopia

32.4116, 34.5097, 43.9825

Trichromacy



Original Color

32.2209, 34.4335, 42.9783

Protanomaly

32.9059, 34.2869, 42.4198

Deuteranomaly

33.9371, 34.2943, 43.3589

Tritanomaly

32.3159, 34.4714, 43.4785

Monochromacy



Original Color

32.2209, 34.4335, 42.9783

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4373, 34.3735, 39.1075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2209, 34.4335, 42.9783 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(149, 160, 170) looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 170)  
}
```

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(149, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.2209, 34.4335, 42.9783 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(149, 160, 170) }
```


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

```
.border{ border-color:rgb(149, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2209, 34.4335, 42.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 170) }
```

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

```
.background{ background-color: rgb(149,  
160, 170) }
```

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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