

Converting Colors

XYZ(32.0209, 33.0593, 34.0542)

Have a look what the booklet for
XYZ(32.0209, 33.0593, 34.0542)
contains.

XYZ(32.0418, 33.0270, 33.9642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0418, 33.0270,
33.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	A29A97
RGB	162, 154, 151
RGB Percent	64%, 60%, 59%
CMY	0.3647, 0.3961, 0.4078
CMYK	0.00, 0.05, 0.07, 0.36
HSL	16°, 6%, 61%
HSV	16°, 7%, 64%
XYZ	32.0418, 33.0270, 33.9642
YIQ	156.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

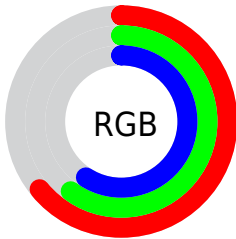
Format	Color
RYB	162, 155, 151
Decimal	10656407
CIELab	64.18, 2.37, 2.61
CIELCh	64, 3.525, 47.713
Yxy	33.0270, 0.3235, 0.3335
Android (android.graphics.Color)	4288846487 (0xFFA29A97)
YUV	156.0500, -2.4896, 5.2182
Hunter-Lab	57.4691, -1.0486, 5.1880

Details

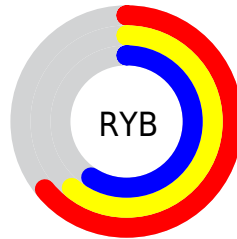
The XYZ color **32.0418, 33.0270, 33.9642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6821, 33.9835, 39.0724**, and the grayscale version is **31.6320, 33.2793, 36.2412**.

A 20% lighter version of the original color is **62.1906, 64.2712, 66.8854**, and **13.5809, 13.9356, 14.0306** is the 20% darker color. If you saturate the color by 10%, you get **28.9664, 28.8388, 26.8880**, and if you desaturate by 10%, it is **35.4906, 37.6719, 42.0576**.

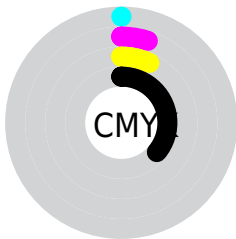
Distribution



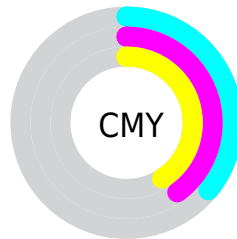
- Red (64%)
- Green (60%)
- Blue (59%)



- Red (64%)
- Yellow (61%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0418, 33.0270, 33.9642 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 32.0418, 33.0270, 33.9642 by changing the saturation by 10% instead.

■ 32.0418, 33.0270,
33.9642

■ 32.0418, 33.0270,
33.9642

303.0515,
315.7714, 334.7367

■ 21.5491, 22.1471,
22.5890

■ 62.2414, 64.4177,
67.0113

■ 13.6407, 13.9650,
14.0879

■ 82.6790, 85.6973,
89.5201

■ 7.9512, 8.0964,
8.0423

107.1623,
111.2122, 116.5773

■ 4.1153, 4.1567,
4.0339

136.0566,
141.3470, 148.6014

■ 1.7676, 1.7616,
1.6440

169.7273,
176.4859, 186.0108

■ 0.4980, 0.4631,
0.3219

208.5398,

■ 0.0000, 0.0000,

217.0133, 229.2241

0.0000

252.8595,
263.3137, 278.6599

■ 32.0418, 33.0270,
33.9642

■ 32.0418, 33.0270,
33.9642

■ 28.9664, 28.8388,
26.8880

■ 35.4906, 37.6719,
42.0576

■ 26.2489, 25.0890,
20.7866

■ 39.3222, 42.7824,
51.2043

■ 23.8766, 21.7647,
15.6174

■ 43.5491, 48.3727,
61.4412

■ 21.8351, 18.8503,
11.3342

■ 48.1823, 54.4549,
72.8025

■ 20.1089, 16.3295,
7.8865

■ 53.2326, 61.0408,
85.3214

■ 18.6811, 14.1848,
5.2189

■ 58.7102, 68.1417,
99.0292

■ 17.5332, 12.3974,
3.2690

■ 63.0739, 75.1483,
105.7885

■ 16.6443, 10.9466,
1.9647

■ 66.5858, 82.1722,
106.9591

■ 15.9863, 9.8076,
1.1998

■ 68.7104, 86.4215,
107.6673

Harmonies

Analogous

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



32.3149, 33.0270, 35.1305



32.0418, 33.0270, 33.9642



31.5960, 33.0270, 33.3397

Triad

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



32.0418, 33.0270, 33.9642



30.4621, 33.0270, 35.3786



31.6843, 33.0270, 38.6450

Complementary

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



32.0418, 33.0270, 33.9642



31.6821, 33.9835, 39.0724

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.



31.1872, 33.0270, 38.7157



32.0418, 33.0270, 33.9642



30.4852, 33.0270, 36.8041

Square

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



32.0418, 33.0270, 33.9642



30.6861, 33.0270, 34.1417



30.7494, 33.0270, 38.0341



32.1070, 33.0270, 37.8433

Rectangle

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



32.0418, 33.0270, 33.9642



31.2625, 33.0270, 33.3035



30.7494, 33.0270, 38.0341



31.5202, 33.0270, 38.7558

Sweetspot

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



32.0427, 33.0284, 33.9649



61.0599, 63.8620, 68.4075



32.2311, 32.3206, 37.3713



13.7301, 14.3651, 15.4024



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.



32.0427, 33.0284, 33.9649



57.3710, 58.8763, 59.8032



32.9593, 34.8617, 34.2705



7.2238, 7.3861, 7.4250



12.4870, 7.5479, 0.7988



0.2996, 0.2330, 0.0292

Inverse Universe

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



31.6821, 33.9835, 39.0724



56.5918, 60.9392, 70.8359



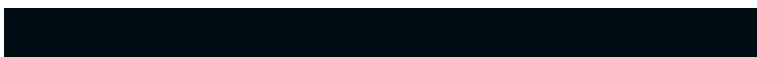
30.7687, 32.1568, 38.7679



7.1118, 7.6826, 9.0111



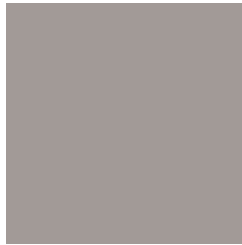
10.2576, 12.2946, 28.7622



0.2516, 0.3304, 0.6164

Previews

White Background



This preview shows how the XYZ color 32.0418, 33.0270, 33.9642 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 32.0418, 33.0270, 33.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

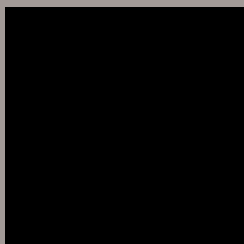
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

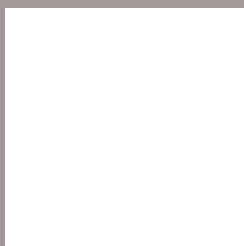
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0418, 33.0270, 33.9642

Background



This preview shows how black text looks on a background with the XYZ color 32.0418, 33.0270, 33.9642.



This preview shows how white text looks on a background with the XYZ color 32.0418, 33.0270,

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

32.0418, 33.0270, 33.9642

Protanopia

31.6053, 33.0480, 33.9913

Deuteranopia

33.5871, 32.8503, 34.2763



Tritanopia

33.2389, 33.0293, 39.7454

Trichromacy



Original Color

32.0418, 33.0270, 33.9642

Protanomaly

31.8045, 33.1506, 34.0006

Deuteranomaly

32.8826, 32.7250, 34.2892

Tritanomaly

32.7535, 33.0722, 37.4582

Monochromacy



Original Color

32.0418, 33.0270, 33.9642

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6546, 33.0449, 35.2818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0418, 33.0270, 33.9642 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(162, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(162, 154, 151)  
}
```

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(162, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 154, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.0418, 33.0270, 33.9642 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(162, 154, 151) }
```


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

```
.border{ border-color:rgb(162, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(162, 154,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0418, 33.0270, 33.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 154, 151) }
```

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

```
.background{ background-color: rgb(162,  
154, 151) }
```

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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