

Converting Colors

XYZ(32.5489, 33.4160, 30.0552)

Have a look what the booklet for
XYZ(32.5489, 33.4160, 30.0552)
contains.

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Color

**XYZ(32.5118, 33.3591,
29.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	A89A8D
RGB	168, 154, 141
RGB Percent	66%, 60%, 55%
CMY	0.3412, 0.3961, 0.4471
CMYK	0.00, 0.08, 0.16, 0.34
HSL	29°, 13%, 61%
HSV	29°, 16%, 66%
XYZ	32.5118, 33.3591, 29.9247
YIQ	156.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

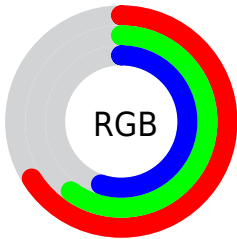
Format	Color
RYB	168, 166, 141
Decimal	11049613
CIELab	64.45, 2.91, 8.68
CIElCh	64, 9.150, 71.456
Yxy	33.3591, 0.3394, 0.3482
Android (android.graphics.Color)	4289239693 (0xFFA89A8D)
YUV	156.7040, -7.7421, 9.9066
Hunter-Lab	57.7573, -0.5971, 9.7113

Details

The XYZ color **32.5118, 33.3591, 29.9247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7737, 31.9320, 41.6404**, and the grayscale version is **31.9453, 33.6090, 36.6001**.

A 20% lighter version of the original color is **62.8376, 64.7399, 60.8139**, and **13.9410, 14.1688, 11.8976** is the 20% darker color. If you saturate the color by 10%, you get **29.9700, 30.1263, 23.3709**, and if you desaturate by 10%, it is **35.3494, 36.8794, 37.5135**.

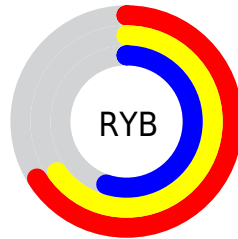
Distribution



Red (66%)

Green (60%)

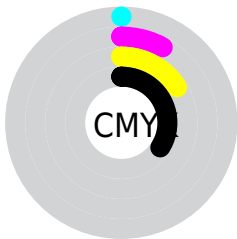
Blue (55%)



Red (66%)

Yellow (65%)

Blue (55%)

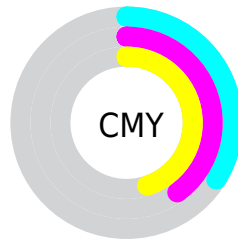


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (34%)



Cyan (34%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5118, 33.3591, 29.9247 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 32.5118, 33.3591, 29.9247 by changing the saturation by 10% instead.


 32.5118, 33.3591,
29.9247


 32.5118, 33.3591,
29.9247


305.1481,
317.2648, 315.7497


 21.9102, 22.4017,
19.5299


 62.9724, 64.9358,
60.6027

 13.9071, 14.1523,
11.8731


 83.5620, 86.3238,
81.7229

 8.1374, 8.2267,
6.5358


 108.2117,
111.9575, 107.2553

 4.2355, 4.2404,
3.0995

137.2868,
142.2213, 137.6185

 1.8362, 1.8089,
1.1457

171.1526,
177.4995, 173.2310

 0.5393, 0.4927,
0.0000

210.1745,

 0.0000, 0.0000,

218.1765, 214.5114

0.0000

254.7179,
264.6368, 261.8781

■ 32.5118, 33.3591,
29.9247

■ 32.5118, 33.3591,
29.9247

■ 29.9700, 30.1263,
23.3709

■ 35.3494, 36.8794,
37.5135

■ 27.7105, 27.1686,
17.8044

■ 38.4902, 40.6902,
46.1778

■ 25.7228, 24.4795,
13.1768

■ 41.9447, 44.8000,
55.9587

■ 23.9947, 22.0501,
9.4349

■ 45.7221, 49.2158,
66.8944

■ 22.5126, 19.8712,
6.5200

■ 49.8309, 53.9442,
79.0212

■ 21.2617, 17.9329,
4.3662

■ 54.2797, 58.9916,
92.3740

■ 20.2251, 16.2240,
2.8974

■ 58.4912, 64.1300,
103.9033

■ 19.3808, 14.7314,
2.0115

■ 60.7679, 68.6834,
104.6622

■ 19.0842, 14.1961,
1.7343

■ 63.1644, 73.4765,
105.4610

Harmonies

Analogous

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



33.6254, 33.3591, 31.7683



32.5118, 33.3591, 29.9247



31.2109, 33.3591, 29.7230

Triad

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



32.5118, 33.3591, 29.9247



29.3100, 33.3591, 37.7688



33.3977, 33.3591, 41.9805

Complementary

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



32.5118, 33.3591, 29.9247



29.7737, 31.9320, 41.6404

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.



32.2079, 33.3591, 43.8328



32.5118, 33.3591, 29.9247



29.8627, 33.3591, 41.2922

Square

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



32.5118, 33.3591, 29.9247



29.3862, 33.3591, 34.0839



30.9152, 33.3591, 43.5725



34.1465, 33.3591, 38.6568

Rectangle

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



32.5118, 33.3591, 29.9247



30.4150, 33.3591, 30.5291



30.9152, 33.3591, 43.5725



33.0347, 33.3591, 42.8058

Sweetspot

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



32.5127, 33.3606, 29.9254



64.6796, 67.5760, 69.5253



31.6238, 29.7551, 35.2638



14.0174, 14.6308, 14.9359



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.



32.5127, 33.3606, 29.9254



57.4283, 58.5572, 50.2024



34.7936, 37.9224, 30.6857



7.8180, 8.1161, 7.9438



14.4624, 10.8221, 1.3266



0.4033, 0.3662, 0.0494

Inverse Universe

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



29.7737, 31.9320, 41.6404



51.5789, 55.5063, 75.2204



27.7110, 27.8066, 40.9529



7.4414, 7.9197, 9.5548



7.9684, 7.3970, 28.9833



0.2447, 0.2817, 0.7221

Previews

White Background



This preview shows how the XYZ color 32.5118, 33.3591, 29.9247 looks on a white background.

Color Contrast Check

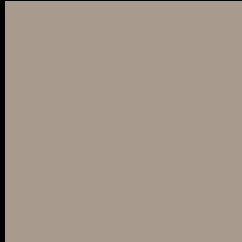
Large Text (above 18pt) WCAG AA × Fail

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 32.5118, 33.3591, 29.9247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

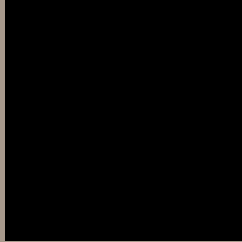
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5118, 33.3591, 29.9247

Background



This preview shows how black text looks on a background with the XYZ color 32.5118, 33.3591, 29.9247.



This preview shows how white text looks on a background with the XYZ color 32.5118, 33.3591,

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

32.5118, 33.3591, 29.9247

Protanopia

31.6712, 33.4113, 30.3710

Deuteranopia

34.0806, 33.4333, 30.2482



Tritanopia

34.4721, 33.4355, 39.2872

Trichromacy



Original Color

32.5118, 33.3591, 29.9247

Protanomaly

31.9137, 33.2882, 30.3344

Deuteranomaly

33.5663, 33.4081, 30.2705

Tritanomaly

33.7222, 33.3691, 35.6739

Monochromacy



Original Color

32.5118, 33.3591, 29.9247

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1723, 33.5884, 34.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5118, 33.3591, 29.9247 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(168, 154, 141)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 141)  
}
```

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(168, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.5118, 33.3591, 29.9247 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(168, 154, 141) }
```


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

```
.border{ border-color:rgb(168, 154, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5118, 33.3591, 29.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 141) }
```

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

```
.background{ background-color: rgb(168,  
154, 141) }
```

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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