

Converting Colors

XYZ(32.9172, 32.0258, 34.5837)

Have a look what the booklet for
XYZ(32.9172, 32.0258, 34.5837)
contains.

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Color

**XYZ(32.9172, 32.0258,
34.5837)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9499
RGB	170, 148, 153
RGB Percent	67%, 58%, 60%
CMY	0.3333, 0.4196, 0.4000
CMYK	0.00, 0.13, 0.10, 0.33
HSL	346°, 11%, 62%
HSV	346°, 13%, 67%
XYZ	32.9172, 32.0258, 34.5837
YIQ	155.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

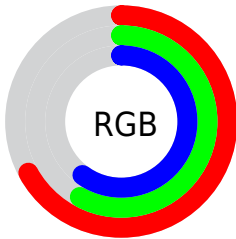
Format	Color
R_{YB}	170, 148, 153
Decimal	11179161
CIE _{Lab}	63.36, 9.04, 0.38
CIE _{LCh}	63, 9.048, 2.384
Yxy	32.0258, 0.3307, 0.3218
Android (android.graphics.Color)	4289369241 (0xFFAA9499)
YUV	155.1480, -1.0590, 13.0252
Hunter-Lab	56.5913, 4.7923, 3.3811

Details

The XYZ color **32.9172, 32.0258, 34.5837** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3802, 37.7627, 41.1286**, and the grayscale version is **31.2230, 32.8490, 35.7725**.

A 20% lighter version of the original color is **63.4344, 62.7536, 67.8008**, and **14.1442, 13.3602, 14.4037** is the 20% darker color. If you saturate the color by 10%, you get **29.4181, 26.6693, 28.3552**, and if you desaturate by 10%, it is **36.9293, 38.2162, 41.5735**.

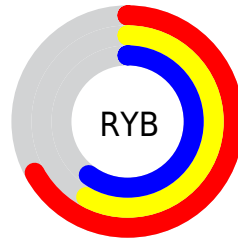
Distribution



Red (67%)

Green (58%)

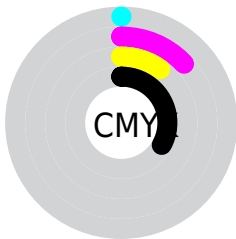
Blue (60%)



Red (67%)

Yellow (58%)

Blue (60%)

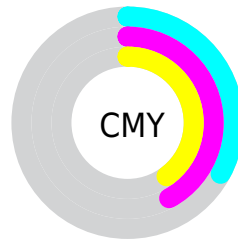


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9172, 32.0258, 34.5837 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 32.9172, 32.0258, 34.5837 by changing the saturation by 10% instead.

■ 32.9172, 32.0258,
34.5837

■ 32.9172, 32.0258,
34.5837

306.9481,
311.2368, 337.5752

■ 22.2220, 21.3812,
23.0614

■ 63.6018, 62.8515,
67.9846

■ 14.1376, 13.4029,
14.4331

■ 84.3218, 83.8015,
90.7002

■ 8.2988, 7.7066,
8.2803

109.1142,
108.9553, 117.9841

■ 4.3401, 3.9078,
4.1845

138.3442,
138.6974, 150.2547

■ 1.8963, 1.6221,
1.7271

172.3772,
173.4122, 187.9306

■ 0.5747, 0.3724,
0.3792

211.5787,

■ 0.0000, 0.0000,

213.4841, 231.4302

0.0000

256.3138,
259.2975, 281.1723

■ 32.9172, 32.0258,
34.5837

■ 32.9172, 32.0258,
34.5837

■ 29.4181, 26.6693,
28.3552

■ 36.9293, 38.2162,
41.5735

■ 26.4083, 22.1068,
22.8599

■ 41.4713, 45.2697,
49.3473

■ 23.8665, 18.3018,
18.0712

■ 46.5627, 53.2192,
57.9292

■ 21.7686, 15.2128,
13.9597

■ 52.2211, 62.0947,
67.3419

■ 20.0884, 12.7948,
10.4943

■ 58.4635, 71.9248,
77.6070

■ 18.7966, 10.9971,
7.6409

■ 65.3061, 82.7367,
88.7454

■ 17.8603, 9.7623,
5.3626

■ 68.8143, 86.6567,
99.4605

■ 17.2405, 9.0217,
3.6177

■ 70.3876, 87.2861,
107.7458

■ 16.9376, 8.6901,
2.6711

Harmonies

Analogous

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



32.6303, 32.0258, 38.1765



32.9172, 32.0258, 34.5837



32.5252, 32.0258, 31.2954

Triad

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



32.9172, 32.0258, 34.5837



29.1641, 32.0258, 29.3491



29.3336, 32.0258, 41.3662

Complementary

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



32.9172, 32.0258, 34.5837



33.3802, 37.7627, 41.1286

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.



28.4450, 32.0258, 38.7084



32.9172, 32.0258, 34.5837



28.3491, 32.0258, 31.7614

Square

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



32.9172, 32.0258, 34.5837



30.3392, 32.0258, 28.4057



28.0895, 32.0258, 35.1592



30.5401, 32.0258, 42.2488

Rectangle

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



32.9172, 32.0258, 34.5837



31.9378, 32.0258, 29.6732



28.0895, 32.0258, 35.1592



28.9890, 32.0258, 40.6422

Sweetspot

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



32.9181, 32.0272, 34.5844



66.1312, 67.9882, 73.9221



33.3359, 32.0687, 42.4633



14.6222, 14.9678, 16.2680



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.



32.9181, 32.0272, 34.5844



57.4964, 54.6869, 58.8104



33.4574, 33.7527, 32.7703



7.5983, 7.5692, 8.2020



12.4776, 6.3998, 2.0608



0.3221, 0.1631, 0.1476

Inverse Universe

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



32.9181, 32.0272, 34.5844



57.4964, 54.6869, 58.8104



32.7689, 35.7978, 43.2130



7.5983, 7.5692, 8.2020



12.4776, 6.3998, 2.0608



0.3221, 0.1631, 0.1476

Previews

White Background



This preview shows how the XYZ color 32.9172, 32.0258, 34.5837 looks on a white background.

Color Contrast Check

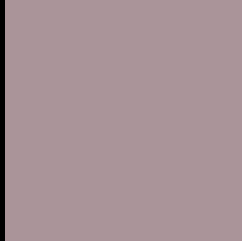
Large Text (above 18pt) WCAG AA × Fail

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 32.9172, 32.0258, 34.5837 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

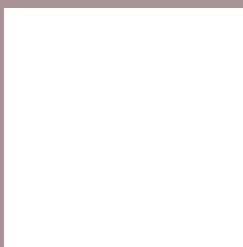
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9172, 32.0258, 34.5837

Background



This preview shows how black text looks on a background with the XYZ color 32.9172, 32.0258, 34.5837.



This preview shows how white text looks on a background with the XYZ color 32.9172, 32.0258,

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

32.9172, 32.0258, 34.5837

Protanopia

31.1023, 32.2507, 36.0382

Deuteranopia

32.6457, 32.1196, 34.6161



Tritanopia

33.4863, 32.0286, 37.2181

Trichromacy



Original Color

32.9172, 32.0258, 34.5837

Protanomaly

31.6809, 32.0768, 35.5320

Deuteranomaly

32.8594, 32.2298, 34.6261

Tritanomaly

33.3141, 31.9597, 36.3113

Monochromacy



Original Color

32.9172, 32.0258, 34.5837

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5582, 32.2631, 35.1360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9172, 32.0258, 34.5837 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(170, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 153)  
}
```

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(170, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.9172, 32.0258, 34.5837 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(170, 148, 153) }
```


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

```
.border{ border-color:rgb(170, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(170, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9172, 32.0258, 34.5837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 153) }
```

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

```
.background{ background-color: rgb(170,  
148, 153) }
```

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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