

Converting Colors

XYZ(32.8513, 32.4855, 32.1723)

Have a look what the booklet for
XYZ(32.8513, 32.4855, 32.1723)
contains.

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Color

**XYZ(32.9674, 32.5772,
32.1542)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9693
RGB	171, 150, 147
RGB Percent	67%, 59%, 58%
CMY	0.3294, 0.4117, 0.4235
CMYK	0.00, 0.12, 0.14, 0.33
HSL	8°, 12%, 62%
HSV	8°, 14%, 67%
XYZ	32.9674, 32.5772, 32.1542
YIQ	155.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

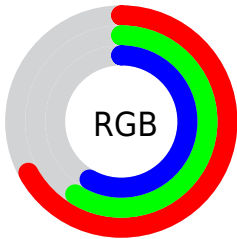
Format	Color
RYB	171, 150, 147
Decimal	11245203
CIELab	63.82, 7.27, 4.43
CIElCh	64, 8.511, 31.371
Yxy	32.5772, 0.3374, 0.3334
Android (android.graphics.Color)	4289435283 (0xFFAB9693)
YUV	155.9370, -4.4059, 13.2103
Hunter-Lab	57.0764, 3.2180, 6.5523

Details

The XYZ color **32.9674, 32.5772, 32.1542** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3858, 37.1478, 43.9391**, and the grayscale version is **31.5874, 33.2324, 36.1901**.

A 20% lighter version of the original color is **63.4995, 63.5715, 64.1821**, and **14.2273, 13.7087, 13.2054** is the 20% darker color. If you saturate the color by 10%, you get **29.4875, 27.6072, 24.8588**, and if you desaturate by 10%, it is **36.9535, 38.2395, 40.6032**.

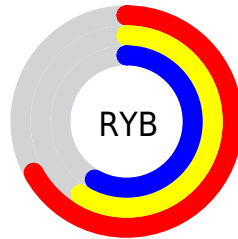
Distribution



Red (67%)

Green (59%)

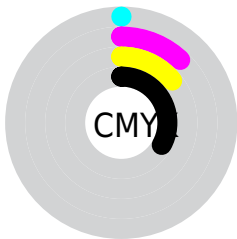
Blue (58%)



Red (67%)

Yellow (59%)

Blue (58%)

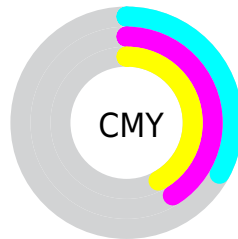


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9674, 32.5772, 32.1542 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 32.9674, 32.5772, 32.1542 by changing the saturation by 10% instead.

■ 32.9674, 32.5772,
32.1542

■ 32.9674, 32.5772,
32.1542

307.1704,
313.7403, 326.3354

■ 22.2606, 21.8028,
21.2135

■ 63.6796, 63.7149,
64.1535

■ 14.1662, 13.7120,
13.0874

■ 84.4158, 84.8469,
86.0491

■ 8.3188, 7.9207,
7.3573

109.2258,
110.2002, 112.4335

■ 4.3531, 4.0442,
3.6047

138.4749,
140.1592, 143.7252

■ 1.9038, 1.6983,
1.4111

172.5286,
175.1083, 180.3427

■ 0.5790, 0.4226,
0.1504

211.7522,

■ 0.0000, 0.0000,

215.4320, 222.7045

0.0000

256.5110,
261.5145, 271.2293

■ 32.9674, 32.5772,
32.1542

■ 32.9674, 32.5772,
32.1542

■ 29.4875, 27.6072,
24.8588

■ 36.9535, 38.2395,
40.6032

■ 26.4907, 23.2988,
18.6650

■ 41.4620, 44.6146,
50.2506

■ 23.9565, 19.6253,
13.5197

■ 46.5120, 51.7279,
61.1415

■ 21.8615, 16.5566,
9.3647

■ 52.1206, 59.6019,
73.3180

■ 20.1804, 14.0600,
6.1362

■ 58.3043, 68.2582,
86.8201

■ 18.8855, 12.1001,
3.7627

■ 65.0789, 77.7177,
101.6862

■ 17.9453, 10.6369,
2.1625

■ 70.5175, 87.2235,
107.7269

■ 17.3231, 9.6253,
1.2378

■ 70.6047, 87.3980,
107.7560

■ 17.0703, 9.2091,
0.8778

Harmonies

Analogous

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



33.3182, 32.5772, 35.3138



32.9674, 32.5772, 32.1542



32.0778, 32.5772, 30.0024

Triad

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



32.9674, 32.5772, 32.1542



28.9901, 32.5772, 32.4103



31.0187, 32.5772, 42.4654

Complementary

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



32.9674, 32.5772, 32.1542



33.3858, 37.1478, 43.9391

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.



29.8756, 32.5772, 41.5668



32.9674, 32.5772, 32.1542



28.7227, 32.5772, 35.6287

Square

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



32.9674, 32.5772, 32.1542



29.7827, 32.5772, 30.1435



29.0428, 32.5772, 39.0085



32.1754, 32.5772, 41.3920

Rectangle

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



32.9674, 32.5772, 32.1542



31.3097, 32.5772, 29.3542



29.0428, 32.5772, 39.0085



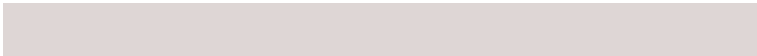
30.6201, 32.5772, 42.3836

Sweetspot

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



32.9683, 32.5787, 32.1549



66.1539, 68.4457, 72.6595



34.3152, 32.3604, 41.5815



14.6281, 15.0872, 15.9382



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.



32.9683, 32.5787, 32.1549



56.9106, 55.3050, 53.0973



34.9466, 36.5352, 32.8143



8.0830, 8.1709, 8.3645



12.8906, 6.9867, 0.6692



0.3834, 0.2439, 0.0269

Inverse Universe

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



33.3858, 37.1478, 43.9391



57.8109, 65.1661, 78.5332



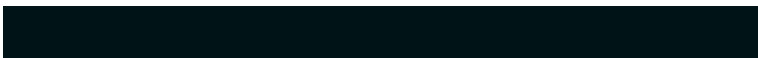
31.3058, 32.9879, 43.2457



8.1495, 8.8985, 10.2407



13.7417, 18.6172, 31.9137



0.4057, 0.5647, 0.8956

Previews

White Background



This preview shows how the XYZ color 32.9674, 32.5772, 32.1542 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 32.9674, 32.5772, 32.1542 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

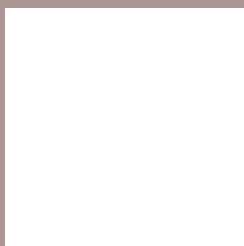
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9674, 32.5772, 32.1542

Background



This preview shows how black text looks on a background with the XYZ color 32.9674, 32.5772, 32.1542.



This preview shows how white text looks on a background with the XYZ color 32.9674, 32.5772,

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

[32.9674](#), [32.5772](#), [32.1542](#)

Protanopia

[31.2785](#), [32.6521](#), [33.0877](#)

Deuteranopia

[33.0272](#), [32.3721](#), [32.1115](#)



Tritanopia

34.1686, 32.6021, 37.7497

Trichromacy



Original Color

32.9674, 32.5772, 32.1542

Protanomaly

31.8408, 32.7071, 32.6519

Deuteranomaly

33.0272, 32.3721, 32.1115

Tritanomaly

33.6771, 32.6321, 35.5340

Monochromacy



Original Color

32.9674, 32.5772, 32.1542

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0033, 32.9882, 34.8176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9674, 32.5772, 32.1542 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(171, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 147)  
}
```

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(171, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.9674, 32.5772, 32.1542 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(171, 150, 147) }
```


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

```
.border{ border-color:rgb(171, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9674, 32.5772, 32.1542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 147) }
```

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

```
.background{ background-color: rgb(171,  
150, 147) }
```

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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