

Converting Colors

XYZ(32.1274, 32.7745, 31.9901)

Have a look what the booklet for
XYZ(32.1274, 32.7745, 31.9901)
contains.

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Color

**XYZ(32.0966, 32.8571,
31.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	A59992
RGB	165, 153, 146
RGB Percent	65%, 60%, 57%
CMY	0.3529, 0.4000, 0.4274
CMYK	0.00, 0.07, 0.12, 0.35
HSL	22°, 10%, 61%
HSV	22°, 12%, 65%
XYZ	32.0966, 32.8571, 31.8445
YIQ	155.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

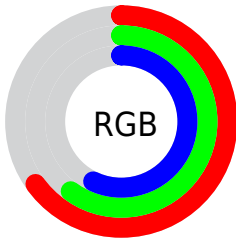
Format	Color
R_{YB}	165, 157, 146
Decimal	10852754
CIE _{Lab}	64.05, 3.16, 5.25
CIE _{LCh}	64, 6.132, 58.941
Yxy	32.8571, 0.3316, 0.3394
Android (android.graphics.Color)	4289042834 (0xFFA59992)
YUV	155.7900, -4.8265, 8.0772
Hunter-Lab	57.3211, -0.3620, 7.1865

Details

The XYZ color **32.0966, 32.8571, 31.8445** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8724, 33.2808, 40.3944**, and the grayscale version is **31.5250, 33.1667, 36.1185**.

A 20% lighter version of the original color is **62.2534, 64.0114, 63.7179**, and **13.6727, 13.8580, 13.0206** is the 20% darker color. If you saturate the color by 10%, you get **29.2734, 29.1184, 25.0215**, and if you desaturate by 10%, it is **35.2558, 36.9706, 39.6943**.

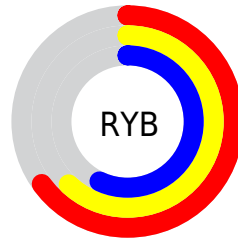
Distribution



Red (65%)

Green (60%)

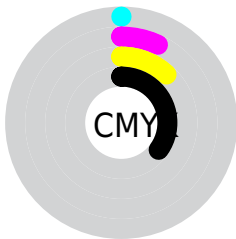
Blue (57%)



Red (65%)

Yellow (62%)

Blue (57%)

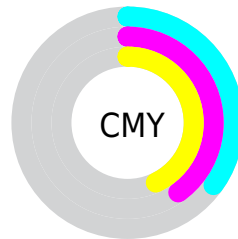


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0966, 32.8571, 31.8445 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 32.0966, 32.8571, 31.8445 by changing the saturation by 10% instead.

■ 32.0966, 32.8571,
31.8445

■ 32.0966, 32.8571,
31.8445

303.2965,
315.0053, 324.8812

■ 21.5912, 22.0170,
20.9789

■ 62.3267, 64.1524,
63.6623

■ 13.6717, 13.8694,
12.9175

■ 82.7820, 85.3763,
85.4516

■ 7.9729, 8.0299,
7.2417

107.2848,
110.8303, 111.7192

■ 4.1293, 4.1141,
3.5330

136.2003,
140.8988, 142.8837

■ 1.7755, 1.7376,
1.3728

169.8938,
175.9662, 179.3636

■ 0.5029, 0.4478,
0.1204

208.7308,

■ 0.0000, 0.0000,

216.4168, 221.5775

0.0000

253.0766,
262.6350, 269.9438

■ 32.0966, 32.8571,
31.8445

■ 32.0966, 32.8571,
31.8445

■ 29.2734, 29.1184,
25.0215

■ 35.2558, 36.9706,
39.6943

■ 26.7718, 25.7395,
19.1803

■ 38.7594, 41.4649,
48.6092

■ 24.5804, 22.7106,
14.2757

■ 42.6188, 46.3512,
58.6279

■ 22.6857, 20.0196,
10.2581

■ 46.8441, 51.6391,
69.7867

■ 21.0736, 17.6541,
7.0732

■ 51.4450, 57.3377,
82.1202

■ 19.7282, 15.6004,
4.6608

■ 56.4308, 63.4558,
95.6615

■ 18.6321, 13.8439,
2.9522

■ 60.7456, 69.5761,
104.8356

■ 17.7652, 12.3685,
1.8665

■ 63.6642, 75.4134,
105.8085

■ 17.1761, 11.3172,
1.2792

■ 66.7579, 81.6009,
106.8398

Harmonies

Analogous

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



32.7095, 32.8571, 33.5176



32.0966, 32.8571, 31.8445



31.2605, 32.8571, 31.2168

Triad

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



32.0966, 32.8571, 31.8445



29.5944, 32.8571, 35.6877



32.0423, 32.8571, 40.1131

Complementary

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



32.0966, 32.8571, 31.8445



30.8724, 33.2808, 40.3944

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.



31.1989, 32.8571, 40.7583



32.0966, 32.8571, 31.8445



29.7952, 32.8571, 38.1332

Square

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



32.0966, 32.8571, 31.8445



29.8250, 32.8571, 33.3716



30.3785, 32.8571, 40.0180



32.6778, 32.8571, 38.2928

Rectangle

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



32.0966, 32.8571, 31.8445



30.6924, 32.8571, 31.4524



30.3785, 32.8571, 40.0180



31.7733, 32.8571, 40.4782

Sweetspot

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



32.0975, 32.8585, 31.8452



62.2291, 65.0328, 68.8016



31.9708, 31.0273, 36.6671



13.5046, 14.0879, 14.7911



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.



32.0975, 32.8585, 31.8452



56.0385, 56.9449, 53.5019



33.7085, 36.0805, 32.3822



7.2776, 7.4936, 7.4429



13.0382, 8.6503, 0.9825



0.3181, 0.2700, 0.0353

Inverse Universe

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



30.8724, 33.2808, 40.3944



53.3719, 57.8632, 72.1080



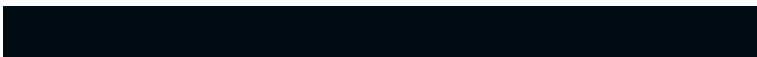
29.3198, 30.1756, 39.8769



7.0556, 7.5702, 8.9924



8.9458, 9.6709, 28.3250



0.2308, 0.2888, 0.6094

Previews

White Background



This preview shows how the XYZ color 32.0966, 32.8571, 31.8445 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 32.0966, 32.8571, 31.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

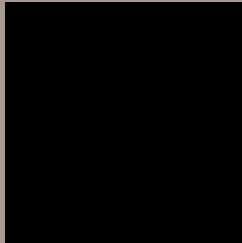
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0966, 32.8571, 31.8445

Background



This preview shows how black text looks on a background with the XYZ color 32.0966, 32.8571, 31.8445.



This preview shows how white text looks on a background with the XYZ color 32.0966, 32.8571,

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

32.0966, 32.8571, 31.8445

Protanopia

31.4850, 33.0229, 32.3184

Deuteranopia

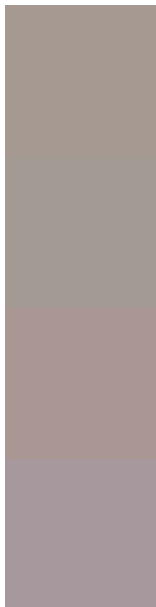
33.4064, 32.8035, 32.1748



Tritanopia

33.5245, 32.9573, 38.7769

Trichromacy



Original Color

32.0966, 32.8571, 31.8445

Protanomaly

31.7224, 32.8992, 32.2820

Deuteranomaly

32.9106, 32.7858, 32.1975

Tritanomaly

32.9549, 32.9638, 36.0782

Monochromacy



Original Color

32.0966, 32.8571, 31.8445

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6869, 33.0806, 34.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0966, 32.8571, 31.8445 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(165, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 146)  
}
```

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(165, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 146) }
```

Border

The CSS property to change the border of an element to XYZ 32.0966, 32.8571, 31.8445 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(165, 153, 146) }
```


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

```
.border{ border-color:rgb(165, 153, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0966, 32.8571, 31.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 146) }
```

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

```
.background{ background-color: rgb(165,  
153, 146) }
```

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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