

Converting Colors

XYZ(32.8541, 34.5026, 31.4894)

Have a look what the booklet for
XYZ(32.8541, 34.5026, 31.4894)
contains.

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Color

**XYZ(32.7780, 34.4667,
31.3107)**

Conversions

Conversions Part 1

Format	Color
Hex	A59E90
RGB	165, 158, 144
RGB Percent	65%, 62%, 56%
CMY	0.3529, 0.3804, 0.4353
CMYK	0.00, 0.04, 0.13, 0.35
HSL	40°, 10%, 61%
HSV	40°, 13%, 65%
XYZ	32.7780, 34.4667, 31.3107
YIQ	158.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

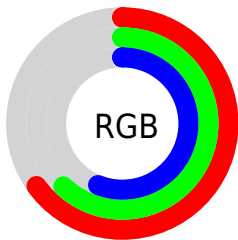
Format	Color
RYB	155, 165, 144
Decimal	10854032
CIELab	65.33, 0.07, 8.22
CIELCh	65, 8.216, 89.542
Yxy	34.4667, 0.3326, 0.3497
Android (android.graphics.Color)	4289044112 (0xFFA59E90)
YUV	158.4970, -7.1470, 5.7031
Hunter-Lab	58.7083, -3.0796, 9.4749

Details

The XYZ color **32.7780, 34.4667, 31.3107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3597, 30.7786, 39.9912**, and the grayscale version is **32.7548, 34.4605, 37.5275**.

A 20% lighter version of the original color is **63.5025, 66.8814, 62.9885**, and **14.0881, 14.8343, 12.7104** is the 20% darker color. If you saturate the color by 10%, you get **30.6914, 32.1661, 24.8414**, and if you desaturate by 10%, it is **35.0928, 36.9280, 38.7663**.

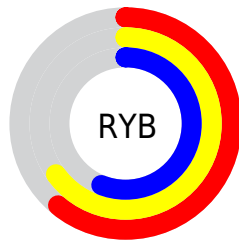
Distribution



Red (65%)

Green (62%)

Blue (56%)



Red (61%)

Yellow (65%)

Blue (56%)

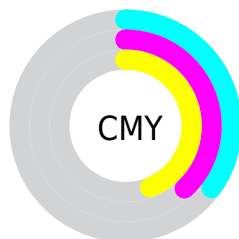


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7780, 34.4667, 31.3107 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 32.7780, 34.4667, 31.3107 by changing the saturation by 10% instead.

■ 32.7780, 34.4667,
31.3107

■ 32.7780, 34.4667,
31.3107

306.3309,
322.2081, 322.3626

■ 22.1149, 23.2524,
20.5751

■ 63.3858, 66.6588,
62.8142

■ 14.0584, 14.7800,
12.6256

■ 84.0611, 88.4053,
84.4192

■ 8.2433, 8.6651,
7.0435

108.8046,
114.4313, 110.4844

■ 4.3041, 4.5234,
3.4105

137.9815,
145.1213, 141.4284

■ 1.8756, 1.9704,
1.3079

171.9572,
180.8595, 177.6696

■ 0.5626, 0.5902,
0.0682

211.0971,

■ 0.0000, 0.0000,

222.0305, 219.6267

0.0000

255.7666,
269.0185, 267.7182

■ 32.7780, 34.4667,
31.3107

■ 32.7780, 34.4667,
31.3107

■ 30.6914, 32.1661,
24.8414

■ 35.0928, 36.9280,
38.7663

■ 28.8217, 30.0174,
19.3141

■ 37.6410, 39.5495,
47.2456

■ 27.1607, 28.0176,
14.6843

■ 40.4311, 42.3365,
56.7867

■ 25.6985, 26.1618,
10.9032

■ 43.4704, 45.2929,
67.4251

■ 24.4246, 24.4448,
7.9169

■ 46.7657, 48.4221,
79.1945

■ 23.3269, 22.8609,
5.6658

■ 50.3237, 51.7276,
92.1275

■ 22.3919, 21.4038,
4.0814

■ 53.4172, 54.9193,
102.3928

■ 21.6036, 20.0660,
3.0823

■ 54.6841, 57.4532,
102.8152

■ 21.0959, 19.1568,
2.5858

■ 55.9970, 60.0790,
103.2528

Harmonies

Analogous

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



33.9411, 34.4667, 32.1243



32.7780, 34.4667, 31.3107



31.6369, 34.4667, 32.0767

Triad

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



32.7780, 34.4667, 31.3107



30.7962, 34.4667, 40.8759



34.7855, 34.4667, 40.9727

Complementary

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



32.7780, 34.4667, 31.3107



29.3597, 30.7786, 39.9912

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.



33.9085, 34.4667, 43.5652



32.7780, 34.4667, 31.3107



31.6057, 34.4667, 43.5069

Square

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



32.7780, 34.4667, 31.3107



30.5098, 34.4667, 37.4756



32.7411, 34.4667, 44.5191



35.1173, 34.4667, 37.5812

Rectangle

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



32.7780, 34.4667, 31.3107



31.0380, 34.4667, 33.4084



32.7411, 34.4667, 44.5191



34.5436, 34.4667, 41.9739

Sweetspot

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



32.7789, 34.4682, 31.3114



62.2660, 65.5249, 67.5242



31.0767, 30.1807, 33.4662



13.5449, 14.2539, 14.5415



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.



32.7789, 34.4682, 31.3114



57.7137, 60.6525, 52.9592



33.2885, 36.5535, 31.6871



7.4497, 7.8377, 7.5003



16.0063, 14.5865, 1.9719



0.3770, 0.3877, 0.0550

Inverse Universe

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



29.3597, 30.7786, 39.9912



50.4914, 52.8595, 71.2940



28.8877, 28.9130, 39.6560



6.8843, 7.2276, 8.9353



6.2124, 4.2042, 27.4138



0.1725, 0.1723, 0.5900

Previews

White Background



This preview shows how the XYZ color 32.7780, 34.4667, 31.3107 looks on a white background.

Color Contrast Check

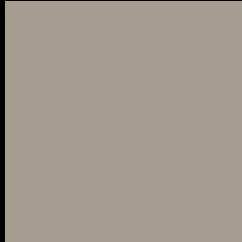
Large Text (above 18pt) WCAG AA × Fail

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 32.7780, 34.4667, 31.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

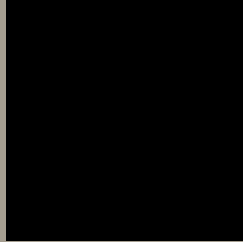
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7780, 34.4667, 31.3107

Background



This preview shows how black text looks on a background with the XYZ color 32.7780, 34.4667, 31.3107.



This preview shows how white text looks on a background with the XYZ color 32.7780, 34.4667,

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

32.7780, 34.4667, 31.3107

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.0925, 34.4105, 31.5804



Tritanopia

34.8448, 34.5575, 41.3930

Trichromacy



Original Color

32.7780, 34.4667, 31.3107

Protanomaly

32.7780, 34.4667, 31.3107

Deuteranomaly

34.2877, 34.4857, 31.6373

Tritanomaly

34.0828, 34.4956, 37.6629

Monochromacy



Original Color

32.7780, 34.4667, 31.3107

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.6746, 34.3307, 35.0413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7780, 34.4667, 31.3107 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, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(165, 158, 144)  
}
```

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, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 158, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.7780, 34.4667, 31.3107 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, 158, 144) }
```


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

```
.border{ border-color:rgb(165, 158, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 158, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(165, 158,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7780, 34.4667, 31.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 158, 144) }
```

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

```
.background{ background-color: rgb(165,  
158, 144) }
```

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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