

Converting Colors

XYZ(32.4552, 33.2027, 27.3347)

Have a look what the booklet for
XYZ(32.4552, 33.2027, 27.3347)
contains.

XYZ(32.4889, 33.1616, 27.2427)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.4889, 33.1616,
27.2427)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9986
RGB	171, 153, 134
RGB Percent	67%, 60%, 53%
CMY	0.3294, 0.4000, 0.4745
CMYK	0.00, 0.11, 0.22, 0.33
HSL	31°, 18%, 60%
HSV	31°, 22%, 67%
XYZ	32.4889, 33.1616, 27.2427
YIQ	156.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

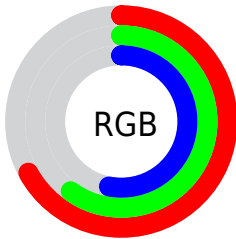
Format	Color
RYB	169, 171, 134
Decimal	11245958
CIELab	64.29, 3.51, 12.41
CIElCh	64, 12.896, 74.189
Yxy	33.1616, 0.3497, 0.3570
Android (android.graphics.Color)	4289436038 (0xFFAB9986)
YUV	156.2160, -10.9525, 12.9656
Hunter-Lab	57.5861, -0.0697, 12.2615

Details

The XYZ color **32.4889, 33.1616, 27.2427** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.4103, 30.4644, 42.9112**, and the grayscale version is **31.7392, 33.3921, 36.3640**.

A 20% lighter version of the original color is **62.9610, 64.5444, 56.1536**, and **13.8228, 13.9944, 10.3602** is the 20% darker color. If you saturate the color by 10%, you get **30.0774, 30.0952, 21.0229**, and if you desaturate by 10%, it is **35.1900, 36.4979, 34.5114**.

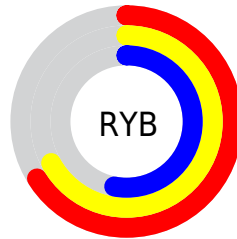
Distribution



Red (67%)

Green (60%)

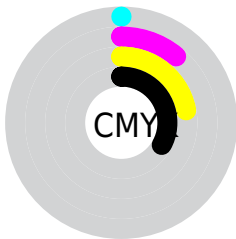
Blue (53%)



Red (66%)

Yellow (67%)

Blue (53%)

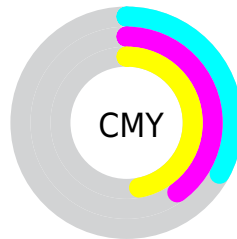


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (40%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4889, 33.1616, 27.2427 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 32.4889, 33.1616, 27.2427 by changing the saturation by 10% instead.


 32.4889, 33.1616,
27.2427

 32.4889, 33.1616,
27.2427


305.0462,
316.3773, 302.6276


 21.8926, 22.2503,
17.5215


 62.9368, 64.6277,
56.2815

 13.8941, 14.0409,
10.4412


 83.5190, 85.9513,
76.4363

 8.1283, 8.1491,
5.5830


 108.1606,
111.5145, 100.9060

 4.2296, 4.1905,
2.5286

137.2269,
141.7016, 130.1092

 1.8329, 1.7807,
0.8552

171.0833,
176.8970, 164.4644

 0.5373, 0.4751,
0.0000

210.0950,

 0.0000, 0.0000,

217.4852, 204.3902

0.0000

254.6276,
263.8505, 250.3051

■ 32.4889, 33.1616,
27.2427

■ 32.4889, 33.1616,
27.2427

■ 30.0774, 30.0952,
21.0229

■ 35.1900, 36.4979,
34.5114

■ 27.9416, 27.2868,
15.8004

■ 38.1885, 40.1069,
42.8728

■ 26.0705, 24.7298,
11.5225

■ 41.4952, 43.9969,
52.3711

■ 24.4509, 22.4159,
8.1308

■ 45.1196, 48.1746,
63.0472

■ 23.0687, 20.3357,
5.5601

■ 49.0706, 52.6461,
74.9399

■ 21.9075, 18.4794,
3.7364

■ 53.3569, 57.4178,
88.0864

■ 20.9487, 16.8358,
2.5718

■ 57.9868, 62.4955,
102.5221

■ 20.2702, 15.6090,
1.9445

■ 60.3182, 66.8250,
104.3271

■ 62.5498, 71.2882,
105.0710

Harmonies

Analogous

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



34.1136, 33.1616, 29.5207



32.4889, 33.1616, 27.2427



30.6633, 33.1616, 27.1814

Triad

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



32.4889, 33.1616, 27.2427



28.2251, 33.1616, 38.6376



34.0393, 33.1616, 43.8369

Complementary

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



32.4889, 33.1616, 27.2427



28.4103, 30.4644, 42.9112

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.



32.3906, 33.1616, 46.8003



32.4889, 33.1616, 27.2427



29.0596, 33.1616, 43.6073

Square

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



32.4889, 33.1616, 27.2427



28.2491, 33.1616, 33.4271



30.5688, 33.1616, 46.7124



35.0321, 33.1616, 38.9271

Rectangle

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



32.4889, 33.1616, 27.2427



29.5804, 33.1616, 28.3871



30.5688, 33.1616, 46.7124



33.5407, 33.1616, 45.1139

Sweetspot

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



32.4898, 33.1631, 27.2434



65.9261, 68.8790, 69.8431



31.0286, 27.9919, 33.6889



14.6266, 15.2698, 15.3655



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.



32.4898, 33.1631, 27.2434



56.0404, 56.6844, 43.1896



35.6609, 39.5053, 28.3004



8.3326, 8.6700, 8.4477



15.3336, 11.8727, 1.4835



0.4811, 0.4394, 0.0595

Inverse Universe

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



28.4103, 30.4644, 42.9112



47.4085, 50.9744, 76.3422



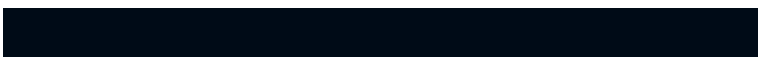
25.7077, 25.0592, 42.0103



7.8884, 8.3761, 10.1537



7.9356, 7.0051, 29.9784



0.2757, 0.3048, 0.8523

Previews

White Background



This preview shows how the XYZ color 32.4889, 33.1616, 27.2427 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 32.4889, 33.1616, 27.2427 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

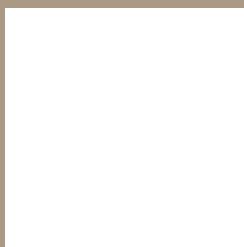
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4889, 33.1616, 27.2427

Background



This preview shows how black text looks on a background with the XYZ color 32.4889, 33.1616, 27.2427.



This preview shows how white text looks on a background with the XYZ color 32.4889, 33.1616,

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

32.4889, 33.1616, 27.2427

Protanopia

31.3659, 33.3127, 27.6985

Deuteranopia

33.8699, 33.1457, 27.5343



Tritanopia

34.6360, 33.0668, 38.2752

Trichromacy



Original Color

32.4889, 33.1616, 27.2427

Protanomaly

31.8204, 33.2990, 27.6719

Deuteranomaly

33.3443, 33.1126, 27.5556

Tritanomaly

33.7258, 32.9313, 33.8570

Monochromacy



Original Color

32.4889, 33.1616, 27.2427

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.7646, 33.1579, 32.7429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4889, 33.1616, 27.2427 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, 153, 134)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 134)  
}
```

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, 153, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 134) }
```

Border

The CSS property to change the border of an element to XYZ 32.4889, 33.1616, 27.2427 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, 153, 134) }
```


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

```
.border{ border-color:rgb(171, 153, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 153, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 153, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 153, 134);  
box-shadow:4px 4px 4px 4px rgb(171, 153,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4889, 33.1616, 27.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 134) }
```

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

```
.background{ background-color: rgb(171,  
153, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor