

Converting Colors

XYZ(33.5429, 32.9940, 32.7750)

Have a look what the booklet for
XYZ(33.5429, 32.9940, 32.7750)
contains.

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Color

**XYZ(33.6455, 33.1556,
32.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9794
RGB	173, 151, 148
RGB Percent	68%, 59%, 58%
CMY	0.3216, 0.4078, 0.4196
CMYK	0.00, 0.13, 0.14, 0.32
HSL	7°, 13%, 63%
HSV	7°, 14%, 68%
XYZ	33.6455, 33.1556, 32.6433
YIQ	157.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

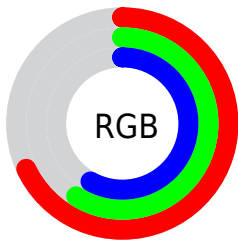
Format	Color
RYB	173, 151, 148
Decimal	11376532
CIELab	64.29, 7.63, 4.57
CIELCh	64, 8.897, 30.894
Yxy	33.1556, 0.3383, 0.3334
Android (android.graphics.Color)	4289566612 (0xFFAD9794)
YUV	157.2360, -4.5533, 13.8250
Hunter-Lab	57.5809, 3.5340, 6.6944

Details

The XYZ color **33.6455, 33.1556, 32.6433** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1301, 38.0616, 45.0833**, and the grayscale version is **32.1703, 33.8456, 36.8579**.

A 20% lighter version of the original color is **64.8051, 64.5849, 64.9277**, and **14.4606, 13.9705, 13.2437** is the 20% darker color. If you saturate the color by 10%, you get **30.0838, 28.0621, 25.1976**, and if you desaturate by 10%, it is **37.7301, 38.9666, 41.2739**.

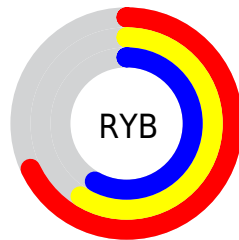
Distribution



Red (68%)

Green (59%)

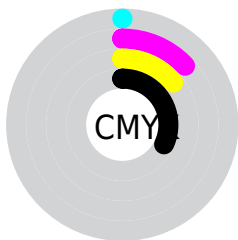
Blue (58%)



Red (68%)

Yellow (59%)

Blue (58%)

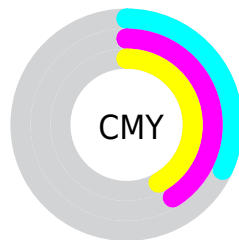


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6455, 33.1556, 32.6433 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 33.6455, 33.1556, 32.6433 by changing the saturation by 10% instead.


 33.6455, 33.1556,
32.6433


 33.6455, 33.1556,
32.6433


310.1623,
316.3503, 328.6219

 22.7830, 22.2457,
21.5845


 64.7300, 64.6184,
64.9278

 14.5532, 14.0375,
13.3565


 85.6826, 85.9400,
86.9906

 8.5907, 8.1468,
7.5409


110.7294,
111.5010, 113.5583

 4.5301, 4.1890,
3.7191

140.2357,
141.6858, 145.0497

 2.0062, 1.7798,
1.4725

174.5667,
176.8787, 181.8832

 0.6374, 0.4746,
0.1973

214.0879,

 0.0000, 0.0000,

217.4642, 224.4774

0.0000

259.1646,
263.8266, 273.2508

■ 33.6455, 33.1556,
32.6433

■ 33.6455, 33.1556,
32.6433

■ 30.0838, 28.0621,
25.1976

■ 37.7301, 38.9666,
41.2739

■ 27.0211, 23.6539,
18.8829

■ 42.3546, 45.5168,
51.1357

■ 24.4359, 19.9031,
13.6445

■ 47.5388, 52.8324,
62.2752

■ 22.3038, 16.7781,
9.4221

■ 53.3006, 60.9372,
74.7358

■ 20.5986, 14.2447,
6.1498

■ 59.6572, 69.8537,
88.5589

■ 19.2910, 12.2653,
3.7534

■ 66.6248, 79.6037,
103.7841

■ 18.3480, 10.7982,
2.1481

■ 71.0437, 87.6243,
107.7765

■ 17.7314, 9.7954,
1.2318

■ 17.4979, 9.4127,
0.8946

Harmonies

Analogous

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



34.0067, 33.1556, 35.9923



33.6455, 33.1556, 32.6433



32.7106, 33.1556, 30.3539

Triad

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



33.6455, 33.1556, 32.6433



29.4371, 33.1556, 32.8195



31.5513, 33.1556, 43.5179

Complementary

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



33.6455, 33.1556, 32.6433



34.1301, 38.0616, 45.0833

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.



30.3458, 33.1556, 42.5308



33.6455, 33.1556, 32.6433



29.1450, 33.1556, 36.2095

Square

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



33.6455, 33.1556, 32.6433



30.2818, 33.1556, 30.4508



29.4733, 33.1556, 39.7942



32.7779, 33.1556, 42.4097

Rectangle

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



33.6455, 33.1556, 32.6433



31.8996, 33.1556, 29.6545



29.4733, 33.1556, 39.7942



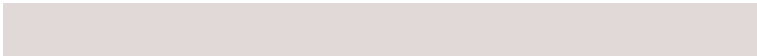
31.1303, 33.1556, 43.4196

Sweetspot

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



33.6464, 33.1571, 32.6440



67.8697, 70.2089, 74.5506



35.0875, 32.9699, 42.5864



14.6251, 15.0813, 15.9372



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.



33.6464, 33.1571, 32.6440



58.3492, 56.6568, 54.4555



35.7506, 37.3654, 33.3454



8.0799, 8.1646, 8.3634



12.8782, 6.9618, 0.6650



0.3821, 0.2414, 0.0265

Inverse Universe

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



34.1301, 38.0616, 45.0833



59.3651, 66.9647, 80.6024



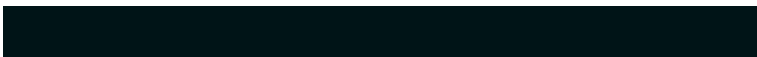
31.9119, 33.6253, 44.3439



8.1530, 8.9054, 10.2419



13.8437, 18.8212, 31.9477



0.4077, 0.5688, 0.8963

Previews

White Background



This preview shows how the XYZ color 33.6455, 33.1556, 32.6433 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 33.6455, 33.1556, 32.6433 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

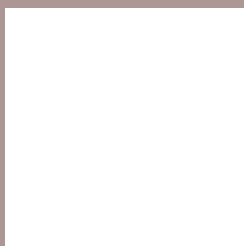
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6455, 33.1556, 32.6433

Background



This preview shows how black text looks on a background with the XYZ color 33.6455, 33.1556, 32.6433.



This preview shows how white text looks on a background with the XYZ color 33.6455, 33.1556,

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

33.6455, 33.1556, 32.6433

Protanopia

31.7236, 33.1183, 33.5746

Deuteranopia

33.8675, 33.2700, 32.6537



Tritanopia

34.8597, 33.1821, 38.2857

Trichromacy



Original Color

33.6455, 33.1556, 32.6433

Protanomaly

32.4975, 33.2805, 33.1447

Deuteranomaly

33.8675, 33.2700, 32.6537

Tritanomaly

34.3627, 33.2117, 36.0519

Monochromacy



Original Color

33.6455, 33.1556, 32.6433

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.6583, 33.5623, 35.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6455, 33.1556, 32.6433 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(173, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 151, 148)  
}
```

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(173, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 151, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.6455, 33.1556, 32.6433 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(173, 151, 148) }
```


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

```
.border{ border-color:rgb(173, 151, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 151, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 151,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6455, 33.1556, 32.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 151, 148) }
```

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

```
.background{ background-color: rgb(173,  
151, 148) }
```

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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