

Converting Colors

XYZ(32.8205, 31.2743, 35.4515)

Have a look what the booklet for
XYZ(32.8205, 31.2743, 35.4515)
contains.

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Color

**XYZ(32.8364, 31.2753,
35.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	AB919B
RGB	171, 145, 155
RGB Percent	67%, 57%, 61%
CMY	0.3294, 0.4314, 0.3922
CMYK	0.00, 0.15, 0.09, 0.33
HSL	337°, 13%, 62%
HSV	337°, 15%, 67%
XYZ	32.8364, 31.2753, 35.3164
YIQ	153.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

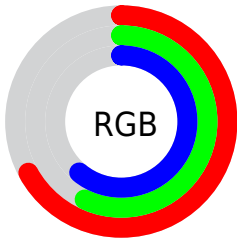
Format	Color
R_{YB}	171, 145, 155
Decimal	11243931
CIE _{Lab}	62.74, 11.45, -1.66
CIE _{LCh}	63, 11.566, 351.758
Yxy	31.2753, 0.3303, 0.3146
Android (android.graphics.Color)	4289434011 (0xFFAB919B)
YUV	153.9140, 0.5354, 14.9844
Hunter-Lab	55.9243, 6.9401, 1.7052

Details

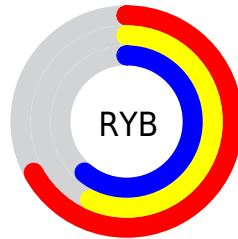
The XYZ color **32.8364, 31.2753, 35.3164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6742, 37.7196, 39.2786**, and the grayscale version is **30.6721, 32.2695, 35.1415**.

A 20% lighter version of the original color is **63.2961, 61.6190, 68.8792**, and **14.1986, 13.1058, 14.8780** is the 20% darker color. If you saturate the color by 10%, you get **29.5720, 26.0996, 30.0560**, and if you desaturate by 10%, it is **36.5729, 37.2712, 41.1150**.

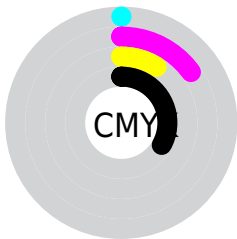
Distribution



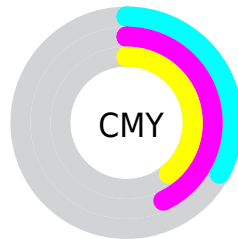
- Red (67%)
- Green (57%)
- Blue (61%)



- Red (67%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8364, 31.2753, 35.3164 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 32.8364, 31.2753, 35.3164 by changing the saturation by 10% instead.


 32.8364, 31.2753,
35.3164


 32.8364, 31.2753,
35.3164


306.5899,
307.8046, 340.9093

 22.1598, 20.8086,
23.6212


 63.4764, 61.6732,
69.1328

 14.0916, 12.9841,
14.8433


 84.1705, 82.3733,
92.0910

 8.2665, 7.4176,
8.5641


108.9345,
107.2531, 119.6407

 4.3192, 3.7246,
4.3650

138.1337,
136.6973, 152.2003

 1.8843, 1.5207,
1.8277

172.1335,
171.0901, 190.1884

 0.5677, 0.3033,
0.4461

211.2992,

 0.0000, 0.0000,

210.8160, 234.0236

0.0000

255.9963,
256.2594, 284.1244

■ 32.8364, 31.2753,
35.3164

■ 32.8364, 31.2753,
35.3164

■ 29.5720, 26.0996,
30.0560

■ 36.5729, 37.2712,
41.1150

■ 26.7576, 21.7041,
25.3158

■ 40.7973, 44.1168,
47.4653

■ 24.3732, 18.0517,
21.0793

■ 45.5276, 51.8450,
54.3826

■ 22.3962, 15.1006,
17.3286

■ 50.7803, 60.4860,
61.8811

■ 20.8019, 12.8048,
14.0443

■ 56.5710, 70.0685,
69.9745

■ 19.5625, 11.1129,
11.2059

■ 62.9150, 80.6197,
78.6760

■ 18.6466, 9.9654,
8.7904

■ 66.6518, 85.8168,
86.9401

■ 18.0149, 9.2886,
6.7720

■ 68.1638, 86.4216,
94.9018

■ 17.7710, 9.0485,
5.9267

■ 69.7663, 87.0626,
103.3406

Harmonies

Analogous

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



32.1775, 31.2753, 39.7298



32.8364, 31.2753, 35.3164



32.6390, 31.2753, 30.9280

Triad

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



32.8364, 31.2753, 35.3164



28.6139, 31.2753, 26.5929



27.8846, 31.2753, 41.3568

Complementary

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



32.8364, 31.2753, 35.3164



32.6742, 37.7196, 39.2786

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.



26.9922, 31.2753, 37.3827



32.8364, 31.2753, 35.3164



27.4027, 31.2753, 28.9453

Square

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



32.8364, 31.2753, 35.3164



30.1640, 31.2753, 26.1458



26.8189, 31.2753, 32.8210



29.2927, 31.2753, 43.4137

Rectangle

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



32.8364, 31.2753, 35.3164



32.0513, 31.2753, 28.5798



26.8189, 31.2753, 32.8210



27.5164, 31.2753, 40.1850

Sweetspot

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



32.8373, 31.2767, 35.3171



65.5810, 66.8815, 73.7584



32.0947, 30.7282, 42.7681



14.5167, 14.7406, 16.2833



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.



32.8373, 31.2767, 35.3171



56.8986, 52.9716, 60.2131



32.4338, 31.7582, 31.2102



8.1279, 8.0644, 8.9845



13.4207, 6.8308, 4.5947



0.4006, 0.2009, 0.2711

Inverse Universe

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



32.8373, 31.2767, 35.3171



56.8986, 52.9716, 60.2131



33.1054, 37.1141, 43.9474



8.1279, 8.0644, 8.9845



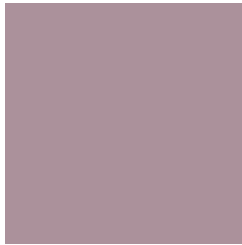
13.4207, 6.8308, 4.5947



0.4006, 0.2009, 0.2711

Previews

White Background



This preview shows how the XYZ color 32.8364, 31.2753, 35.3164 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 32.8364, 31.2753, 35.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

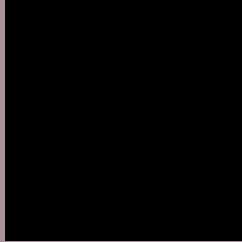
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8364, 31.2753, 35.3164

Background



This preview shows how black text looks on a background with the XYZ color 32.8364, 31.2753, 35.3164.



This preview shows how white text looks on a background with the XYZ color 32.8364, 31.2753,

35.3164.

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

32.8364, 31.2753, 35.3164

Protanopia

30.4615, 31.4087, 37.2579

Deuteranopia

31.8672, 31.2333, 35.3594



Tritanopia

32.9207, 31.3090, 35.7606

Trichromacy



Original Color

32.8364, 31.2753, 35.3164

Protanomaly

31.4162, 31.4371, 36.7599

Deuteranomaly

32.1316, 31.1398, 35.3274

Tritanomaly

32.9207, 31.3090, 35.7606

Monochromacy



Original Color

32.8364, 31.2753, 35.3164

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3965, 31.9399, 35.0821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8364, 31.2753, 35.3164 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, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(171, 145, 155)  
}
```

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, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 145, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.8364, 31.2753, 35.3164 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, 145, 155) }
```


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

```
.border{ border-color:rgb(171, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 145,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8364, 31.2753, 35.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 145, 155) }
```

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

```
.background{ background-color: rgb(171,  
145, 155) }
```

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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