

Converting Colors

XYZ(31.0746, 32.8955, 29.9320)

Have a look what the booklet for
XYZ(31.0746, 32.8955, 29.9320)
contains.

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Color

**XYZ(31.0263, 32.8394,
29.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	A09B8D
RGB	160, 155, 141
RGB Percent	63%, 61%, 55%
CMY	0.3725, 0.3921, 0.4471
CMYK	0.00, 0.03, 0.12, 0.37
HSL	44°, 9%, 59%
HSV	44°, 12%, 63%
XYZ	31.0263, 32.8394, 29.9027
YIQ	154.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

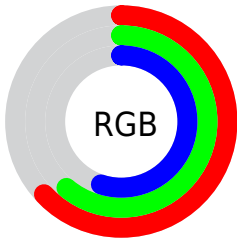
Format	Color
RYB	148, 160, 141
Decimal	10525581
CIELab	64.03, -0.69, 7.98
CIELCh	64, 8.013, 94.931
Yxy	32.8394, 0.3309, 0.3502
Android (android.graphics.Color)	4288715661 (0xFFA09B8D)
YUV	154.8990, -6.8522, 4.4736
Hunter-Lab	57.3057, -3.6419, 9.1758

Details

The XYZ color **31.0263, 32.8394, 29.9027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.6085, 28.7580, 37.3538**, and the grayscale version is **31.1388, 32.7605, 35.6762**.

A 20% lighter version of the original color is **60.6751, 63.9881, 60.7828**, and **13.0230, 13.8441, 11.8833** is the 20% darker color. If you saturate the color by 10%, you get **29.2330, 31.0221, 23.8496**, and if you desaturate by 10%, it is **33.0179, 34.7773, 36.8713**.

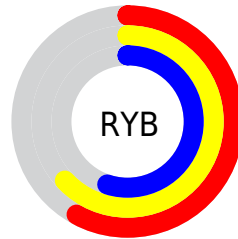
Distribution



Red (63%)

Green (61%)

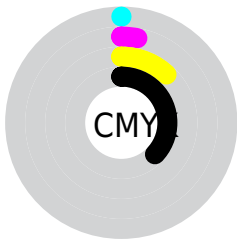
Blue (55%)



Red (58%)

Yellow (63%)

Blue (55%)

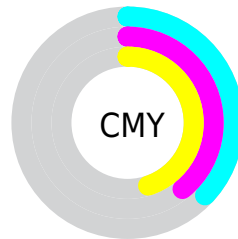


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0263, 32.8394, 29.9027 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 31.0263, 32.8394, 29.9027 by changing the saturation by 10% instead.

■ 31.0263, 32.8394,
29.9027

■ 31.0263, 32.8394,
29.9027

298.4842,
314.9254, 315.6438

■ 20.7708, 22.0034,
19.5133

■ 60.6570, 64.1247,
60.5675

■ 13.0681, 13.8594,
11.8612

■ 80.7630, 85.3429,
81.6799

■ 7.5528, 8.0230,
6.5279

■ 104.8831,
110.7905, 107.2038

■ 3.8595, 4.1096,
3.0947

133.3828,
140.8521, 137.5577

■ 1.6230, 1.7351,
1.1432

166.6274,
175.9120, 173.1601

■ 0.4073, 0.4462,
0.0000

204.9823,

■ 0.0000, 0.0000,

216.3546, 214.4296

0.0000

248.8127,
262.5643, 261.7846

■ 31.0263, 32.8394,
29.9027

■ 31.0263, 32.8394,
29.9027

■ 29.2330, 31.0221,
23.8496

■ 33.0179, 34.7773,
36.8713

■ 27.6276, 29.3175,
18.6710

■ 35.2122, 36.8345,
44.7898

■ 26.2029, 27.7235,
14.3263

■ 37.6168, 39.0158,
53.6931

■ 24.9502, 26.2361,
10.7704

■ 40.2382, 41.3239,
63.6141

■ 23.8599, 24.8511,
7.9542

■ 43.0825, 43.7618,
74.5839

■ 22.9214, 23.5639,
5.8229

■ 46.1556, 46.3321,
86.6324

■ 22.1225, 22.3691,
4.3141

■ 49.4632, 49.0375,
99.7882

■ 21.4490, 21.2606,
3.3540

■ 50.6733, 50.9456,
101.7705

■ 20.9667, 20.4123,
2.8349

■ 51.5896, 52.7781,
102.0759

Harmonies

Analogous

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



32.1435, 32.8394, 30.4059



31.0263, 32.8394, 29.9027



29.9840, 32.8394, 30.8890

Triad

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



31.0263, 32.8394, 29.9027



29.4635, 32.8394, 39.4430



33.2247, 32.8394, 38.4613

Complementary

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



31.0263, 32.8394, 29.9027



27.6085, 28.7580, 37.3538

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.



32.4749, 32.8394, 41.1103



31.0263, 32.8394, 29.9027



30.3003, 32.8394, 41.7007

Square

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



31.0263, 32.8394, 29.9027



29.0957, 32.8394, 36.2946



31.4002, 32.8394, 42.3284



33.4303, 32.8394, 35.2238

Rectangle

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



31.0263, 32.8394, 29.9027



29.4664, 32.8394, 32.2956



31.4002, 32.8394, 42.3284



33.0270, 32.8394, 39.4562

Sweetspot

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



31.0272, 32.8408, 29.9034



59.1231, 62.3519, 64.0147



29.2160, 28.6012, 31.2025



12.9083, 13.6185, 13.8337



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0272, 32.8408, 29.9034



55.5236, 58.8187, 51.5139



31.0055, 34.0898, 30.1456



7.0225, 7.4249, 7.0487



16.3697, 15.9750, 2.2207



0.3248, 0.3498, 0.0504

Inverse Universe

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



27.6085, 28.7580, 37.3538



48.1848, 50.0545, 67.5084



27.6241, 27.6475, 37.1386



6.4196, 6.7049, 8.3625



5.6217, 3.3350, 26.2547



0.1321, 0.1227, 0.4800

Previews

White Background



This preview shows how the XYZ color 31.0263, 32.8394, 29.9027 looks on a white background.

Color Contrast Check

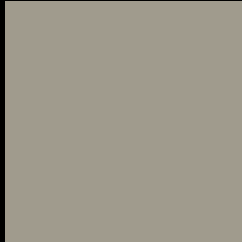
Large Text (above 18pt) WCAG AA × Fail

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 31.0263, 32.8394, 29.9027 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

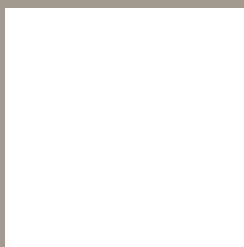
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0263, 32.8394, 29.9027

Background



This preview shows how black text looks on a background with the XYZ color 31.0263, 32.8394, 29.9027.



This preview shows how white text looks on a background with the XYZ color 31.0263, 32.8394,

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

31.0263, 32.8394, 29.9027

Protanopia

31.2270, 32.9428, 29.9121

Deuteranopia

33.4680, 32.8796, 30.1736



Tritanopia

33.0333, 32.9233, 39.7358

Trichromacy



Original Color

31.0263, 32.8394, 29.9027

Protanomaly

31.2270, 32.9428, 29.9121

Deuteranomaly

32.6883, 32.9555, 30.2294

Tritanomaly

32.2923, 32.8641, 36.0939

Monochromacy



Original Color

31.0263, 32.8394, 29.9027

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.1310, 32.8128, 33.5469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0263, 32.8394, 29.9027 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(160, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(160, 155, 141)  
}
```

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(160, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 31.0263, 32.8394, 29.9027 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(160, 155, 141) }
```


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

```
.border{ border-color:rgb(160, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(160, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0263, 32.8394, 29.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 155, 141) }
```

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

```
.background{ background-color: rgb(160,  
155, 141) }
```

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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