

Converting Colors

XYZ(30.4451, 32.5514, 29.9690)

Have a look what the booklet for
XYZ(30.4451, 32.5514, 29.9690)
contains.

XYZ(30.4337, 32.5339, 29.8749)	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(30.4337, 32.5339,
29.8749)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9B8D
RGB	157, 155, 141
RGB Percent	62%, 61%, 55%
CMY	0.3843, 0.3921, 0.4471
CMYK	0.00, 0.01, 0.10, 0.38
HSL	53°, 8%, 58%
HSV	53°, 10%, 62%
XYZ	30.4337, 32.5339, 29.8749
YIQ	154.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

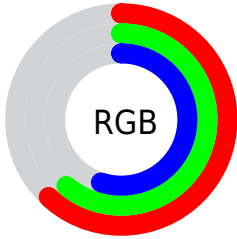
Format	Color
RYB	143, 157, 141
Decimal	10328973
CIELab	63.78, -1.82, 7.59
CIELCh	64, 7.809, 103.489
Yxy	32.5339, 0.3278, 0.3504
Android (android.graphics.Color)	4288519053 (0xFF9D9B8D)
YUV	154.0020, -6.4100, 2.6292
Hunter-Lab	57.0385, -4.5762, 8.8728

Details

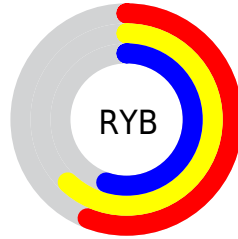
The XYZ color **30.4337, 32.5339, 29.8749** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8927, 27.7414, 35.8359**, and the grayscale version is **30.7423, 32.3433, 35.2218**.

A 20% lighter version of the original color is **59.8022, 63.5381, 60.7419**, and **12.7825, 13.7201, 11.8721** is the 20% darker color. If you saturate the color by 10%, you get **29.0243, 31.4537, 24.0444**, and if you desaturate by 10%, it is **32.0159, 33.6938, 36.5808**.

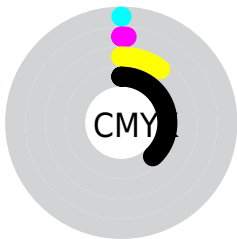
Distribution



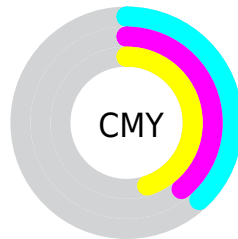
- Red (62%)
- Green (61%)
- Blue (55%)



- Red (56%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4337, 32.5339, 29.8749 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 30.4337, 32.5339, 29.8749 by changing the saturation by 10% instead.

■ 30.4337, 32.5339,
29.8749

■ 30.4337, 32.5339,
29.8749

295.7945,
313.5442, 315.5100

■ 20.3177, 21.7696,
19.4924

■ 59.7293, 63.6471,
60.5230

■ 12.7358, 13.6877,
11.8462

■ 79.6396, 84.7649,
81.6256

■ 7.3226, 7.9038,
6.5178

■ 103.5455,
110.1026, 107.1387

■ 3.7128, 4.0334,
3.0886

131.8122,
140.0447, 137.4808

■ 1.5410, 1.6923,
1.1400

164.8050,
174.9755, 173.0704

■ 0.3535, 0.4187,
0.0000

202.8895,

■ 0.0000, 0.0000,

215.2794, 214.3262

0.0000

246.4309,
261.3408, 261.6665

■ 30.4337, 32.5339,
29.8749

■ 30.4337, 32.5339,
29.8749

■ 29.0243, 31.4537,
24.0444

■ 32.0159, 33.6938,
36.5808

■ 27.7779, 30.4460,
19.0508

■ 33.7746, 34.9319,
44.1945

■ 26.6881, 29.5094,
14.8556

■ 35.7171, 36.2519,
52.7491

■ 25.7468, 28.6404,
11.4167

■ 37.8491, 37.6564,
62.2755

■ 24.9452, 27.8357,
8.6879

■ 40.1763, 39.1475,
72.8032

■ 24.2736, 27.0913,
6.6181

■ 42.7041, 40.7276,
84.3605

■ 23.7209, 26.4027,
5.1493

■ 45.4376, 42.3986,
96.9744

■ 23.2743, 25.7646,
4.2134

■ 46.4570, 43.3927,
100.5348

■ 22.9085, 25.1756,
3.6520

■ 46.8290, 44.1366,
100.6588

Harmonies

Analogous

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



31.5251, 32.5339, 29.9485



30.4337, 32.5339, 29.8749



29.4952, 32.5339, 31.2245

Triad

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



30.4337, 32.5339, 29.8749



29.4191, 32.5339, 39.7405



32.9866, 32.5339, 37.1664

Complementary

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



30.4337, 32.5339, 29.8749



26.8927, 27.7414, 35.8359

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.



32.3951, 32.5339, 39.9839



30.4337, 32.5339, 29.8749



30.3276, 32.5339, 41.5290

Square

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



30.4337, 32.5339, 29.8749



28.9188, 32.5339, 36.8499



31.4165, 32.5339, 41.6207



33.0166, 32.5339, 34.0351

Rectangle

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



30.4337, 32.5339, 29.8749



29.0754, 32.5339, 32.7984



31.4165, 32.5339, 41.6207



32.8462, 32.5339, 38.1858

Sweetspot

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



30.4346, 32.5353, 29.8756



56.4928, 59.7326, 61.9056



28.3979, 28.2055, 29.9875



12.3818, 13.1081, 13.4130



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.4346, 32.5353, 29.8756



53.9650, 57.8608, 51.2481



29.6523, 32.6295, 29.9350



7.0995, 7.5790, 7.0744



18.6241, 20.4837, 2.9722



0.3509, 0.4020, 0.0591

Inverse Universe

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



26.8927, 27.7414, 35.8359



46.4559, 47.6973, 63.8848



27.6198, 27.6752, 35.7848



6.3482, 6.5621, 8.3387



5.1562, 2.4039, 26.0995



0.1091, 0.0768, 0.4723

Previews

White Background



This preview shows how the XYZ color 30.4337, 32.5339, 29.8749 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 30.4337, 32.5339, 29.8749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

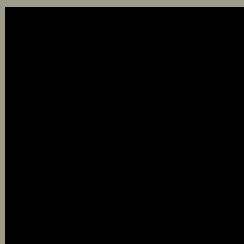
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

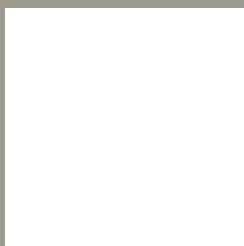
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4337, 32.5339, 29.8749

Background



This preview shows how black text looks on a background with the XYZ color 30.4337, 32.5339, 29.8749.



This preview shows how white text looks on a background with the XYZ color 30.4337, 32.5339,

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

30.4337, 32.5339, 29.8749

Protanopia

30.7864, 32.4782, 29.4572

Deuteranopia

33.0855, 32.4466, 30.1102



Tritanopia

32.4263, 32.6104, 39.7073

Trichromacy



Original Color

30.4337, 32.5339, 29.8749

Protanomaly

30.5873, 32.3756, 29.4479

Deuteranomaly

32.0975, 32.4110, 30.1554

Tritanomaly

31.6901, 32.5537, 36.0657

Monochromacy



Original Color

30.4337, 32.5339, 29.8749

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4980, 32.2497, 33.0512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4337, 32.5339, 29.8749 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(157, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.4337, 32.5339, 29.8749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

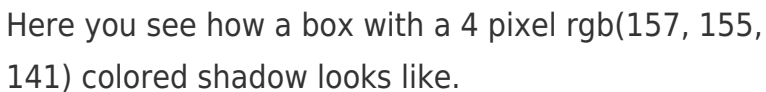
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 155, 141) }
```


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

```
.border{ border-color:rgb(157, 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(157, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 155, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 155, 141); box-shadow:4px 4px 4px 4px rgb(157, 155, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4337, 32.5339, 29.8749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 155, 141) }
```

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

```
.background{ background-color: rgb(157,  
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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