

Converting Colors

XYZ(30.8329, 32.9244, 31.5239)

Have a look what the booklet for
XYZ(30.8329, 32.9244, 31.5239)
contains.

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Color

**XYZ(30.9039, 32.9894,
31.5268)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9C91
RGB	157, 156, 145
RGB Percent	62%, 61%, 57%
CMY	0.3843, 0.3882, 0.4314
CMYK	0.00, 0.01, 0.08, 0.38
HSL	55°, 6%, 59%
HSV	55°, 8%, 62%
XYZ	30.9039, 32.9894, 31.5268
YIQ	155.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

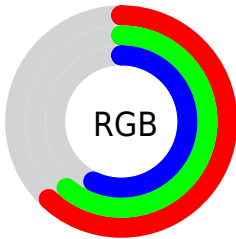
Format	Color
R_YB	146, 157, 145
Decimal	10329233
CIE Lab	64.15, -1.67, 5.88
CIE LCh	64, 6.112, 105.822
Yxy	32.9894, 0.3239, 0.3457
Android (android.graphics.Color)	4288519313 (0xFF9D9C91)
YUV	155.0450, -4.9522, 1.7145
Hunter-Lab	57.4364, -4.4710, 7.6612

Details

The XYZ color **30.9039, 32.9894, 31.5268** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0416, 29.0112, 36.0203**, and the grayscale version is **31.1963, 32.8210, 35.7420**.

A 20% lighter version of the original color is **60.5068, 64.2138, 63.2383**, and **13.0610, 13.9935, 12.8391** is the 20% darker color. If you saturate the color by 10%, you get **29.5588, 32.1042, 25.5128**, and if you desaturate by 10%, it is **32.4205, 33.9491, 38.4243**.

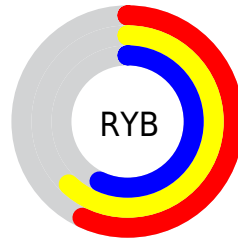
Distribution



Red (62%)

Green (61%)

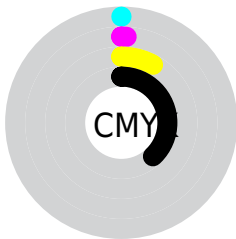
Blue (57%)



Red (57%)

Yellow (62%)

Blue (57%)

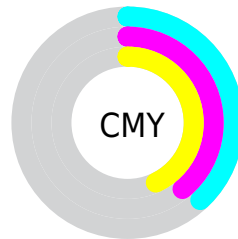


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9039, 32.9894, 31.5268 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 30.9039, 32.9894, 31.5268 by changing the saturation by 10% instead.

■ 30.9039, 32.9894,
31.5268

■ 30.9039, 32.9894,
31.5268

297.9301,
315.6020, 323.3840

■ 20.6771, 22.1183,
20.7385

■ 60.4656, 64.3590,
63.1578

■ 12.9993, 13.9439,
12.7436

■ 80.5313, 85.6263,
84.8376

■ 7.5051, 8.0816,
7.1236

104.6073,
111.1278, 110.9849

■ 3.8290, 4.1472,
3.4599

133.0590,
141.2478, 142.0183

■ 1.6059, 1.7563,
1.3340

166.2518,
176.3709, 178.3564

■ 0.3962, 0.4597,
0.0894

204.5510,

■ 0.0000, 0.0000,

216.8814, 220.4177

0.0000

248.3220,
263.1636, 268.6207

■ 30.9039, 32.9894,
31.5268

■ 30.9039, 32.9894,
31.5268

■ 29.5588, 32.1042,
25.5128

■ 32.4205, 33.9491,
38.4243

■ 28.3756, 31.2866,
20.3441

■ 34.1124, 34.9815,
46.2369

■ 27.3480, 30.5348,
15.9832

■ 35.9865, 36.0906,
54.9975

■ 26.4681, 29.8459,
12.3886

■ 38.0486, 37.2787,
64.7366

■ 25.7274, 29.2163,
9.5154

■ 40.3043, 38.5481,
75.4832

■ 25.1164, 28.6424,
7.3137

■ 42.7589, 39.9008,
87.2654

■ 24.6244, 28.1197,
5.7278

■ 45.4174, 41.3390,
100.1100

■ 24.2392, 27.6434,
4.6924

■ 45.6699, 41.8185,
100.2725

■ 23.9394, 27.2050,
4.0956

■ 45.9089, 42.2965,
100.3521

Harmonies

Analogous

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



31.7648, 32.9894, 31.4944



30.9039, 32.9894, 31.5268



30.1770, 32.9894, 32.6998

Triad

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



30.9039, 32.9894, 31.5268



30.2100, 32.9894, 39.4474



32.9967, 32.9894, 37.0999

Complementary

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



30.9039, 32.9894, 31.5268



28.0416, 29.0112, 36.0203

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.



32.5641, 32.9894, 39.3446



30.9039, 32.9894, 31.5268



30.9496, 32.9894, 40.7416

Square

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



30.9039, 32.9894, 31.5268



29.7814, 32.9894, 37.2350



31.8113, 32.9894, 40.7031



32.9839, 32.9894, 34.6360

Rectangle

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



30.9039, 32.9894, 31.5268



29.8617, 32.9894, 34.0030



31.8113, 32.9894, 40.7031



32.8982, 32.9894, 37.9074

Sweetspot

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



30.9048, 32.9908, 31.5275



56.8302, 60.0286, 63.1860



29.2187, 29.4946, 31.3476



12.5125, 13.2136, 13.9374



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.



30.9048, 32.9908, 31.5275



54.9588, 58.8318, 54.7130



30.1170, 32.8340, 31.5388



7.1230, 7.6261, 7.0822



19.4016, 22.0389, 3.2314



0.3594, 0.4190, 0.0619

Inverse Universe

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



28.0416, 29.0112, 36.0203



48.8667, 50.3642, 64.2725



28.7892, 29.1696, 36.0115



6.3268, 6.5194, 8.3316



5.0725, 2.2366, 26.0716



0.1022, 0.0629, 0.4700

Previews

White Background



This preview shows how the XYZ color 30.9039, 32.9894, 31.5268 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 30.9039, 32.9894, 31.5268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

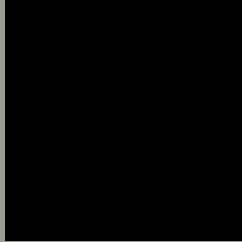
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

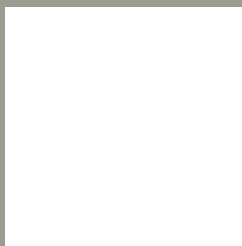
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9039, 32.9894, 31.5268

Background



This preview shows how black text looks on a background with the XYZ color 30.9039, 32.9894, 31.5268.



This preview shows how white text looks on a background with the XYZ color 30.9039, 32.9894,

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

30.9039, 32.9894, 31.5268

Protanopia

31.4533, 33.0334, 31.1039

Deuteranopia

33.5502, 32.8867, 31.7736



Tritanopia

32.6800, 32.9727, 40.2393

Trichromacy



Original Color

30.9039, 32.9894, 31.5268

Protanomaly

31.2526, 32.9299, 31.0945

Deuteranomaly

32.5650, 32.8566, 31.8197

Tritanomaly

32.0252, 32.9508, 37.0200

Monochromacy



Original Color

30.9039, 32.9894, 31.5268

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.0176, 32.7450, 33.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9039, 32.9894, 31.5268 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, 156, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 156, 145)  
}
```

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, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 156, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.9039, 32.9894, 31.5268 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, 156, 145) }
```


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

```
.border{ border-color:rgb(157, 156, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 156, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(157, 156,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9039, 32.9894, 31.5268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 156, 145) }
```

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

```
.background{ background-color: rgb(157,  
156, 145) }
```

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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