

Converting Colors

XYZ(30.4850, 29.8542, 32.0969)

Have a look what the booklet for
XYZ(30.4850, 29.8542, 32.0969)
contains.

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Color

**XYZ(30.6284, 29.9771,
32.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	A49094
RGB	164, 144, 148
RGB Percent	64%, 56%, 58%
CMY	0.3569, 0.4353, 0.4196
CMYK	0.00, 0.12, 0.10, 0.36
HSL	348°, 10%, 60%
HSV	348°, 12%, 64%
XYZ	30.6284, 29.9771, 32.1889
YIQ	150.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

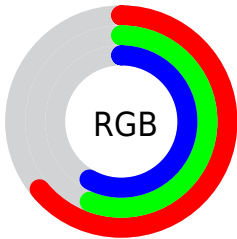
Format	Color
R_{YB}	164, 144, 148
Decimal	10784916
CIE Lab	61.63, 8.16, 0.62
CIE LCh	62, 8.185, 4.340
Yxy	29.9771, 0.3301, 0.3230
Android (android.graphics.Color)	4288974996 (0xFFA49094)
YUV	150.4360, -1.2009, 11.8956
Hunter-Lab	54.7513, 4.0397, 3.4687

Details

The XYZ color **30.6284, 29.9771, 32.1889** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1233, 35.0191, 38.3783**, and the grayscale version is **29.1771, 30.6966, 33.4286**.

A 20% lighter version of the original color is **60.0682, 59.7125, 64.2368**, and **12.8425, 12.3132, 13.0091** is the 20% darker color. If you saturate the color by 10%, you get **27.3423, 24.9736, 26.2565**, and if you desaturate by 10%, it is **34.3948, 35.7520, 38.8631**.

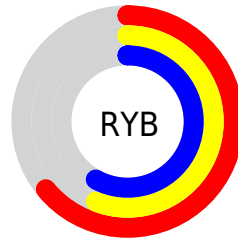
Distribution



Red (64%)

Green (56%)

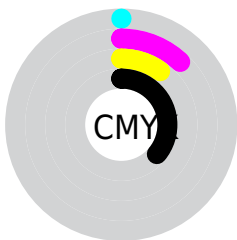
Blue (58%)



Red (64%)

Yellow (56%)

Blue (58%)

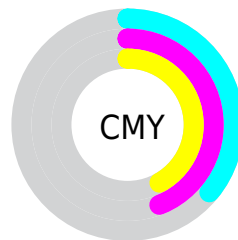


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6284, 29.9771, 32.1889 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 30.6284, 29.9771, 32.1889 by changing the saturation by 10% instead.

■ 30.6284, 29.9771,
32.1889

■ 30.6284, 29.9771,
32.1889

296.6802,
301.7977, 326.4981

■ 20.4665, 19.8212,
21.2398

■ 60.0344, 59.6260,
64.2085

■ 12.8448, 12.2651,
13.1065

■ 80.0092, 79.8877,
86.1160

■ 7.3980, 6.9245,
7.3703

103.9856,
104.2869, 112.5134

■ 3.7608, 3.4149,
3.6128

132.3291,
133.2079, 143.8193

■ 1.5677, 1.3520,
1.4154

165.4049,
167.0350, 180.4522

■ 0.3712, 0.1809,
0.1537

203.5785,

■ 0.0000, 0.0000,

206.1528, 222.8306

0.0000

247.2151,
250.9456, 271.3730

■ 30.6284, 29.9771,
32.1889

■ 30.6284, 29.9771,
32.1889

■ 27.3423, 24.9736,
26.2565

■ 34.3948, 35.7520,
38.8631

■ 24.5146, 20.7051,
21.0382

■ 38.6573, 42.3250,
46.3016

■ 22.1253, 17.1380,
16.5073

■ 43.4341, 49.7264,
54.5285

■ 20.1522, 14.2345,
12.6348

■ 48.7415, 57.9835,
63.5661

■ 18.5708, 11.9534,
9.3896

■ 54.5953, 67.1227,
73.4359

■ 17.3542, 10.2488,
6.7379

■ 61.0107, 77.1691,
84.1585

■ 16.4718, 9.0683,
4.6427

■ 66.7764, 85.6952,
95.3452

■ 15.8880, 8.3501,
3.0625

■ 68.7957, 86.5029,
105.9785

■ 15.5815, 8.0012,
2.1461

■ 69.1200, 86.6326,
107.6865

Harmonies

Analogous

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



30.4188, 29.9771, 35.3021



30.6284, 29.9771, 32.1889



30.2538, 29.9771, 29.3773

Triad

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



30.6284, 29.9771, 32.1889



27.3291, 29.9771, 27.9412



27.5965, 29.9771, 38.3403

Complementary

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



30.6284, 29.9771, 32.1889



31.1233, 35.0191, 38.3783

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.



26.8006, 29.9771, 36.1356



30.6284, 29.9771, 32.1889



26.6490, 29.9771, 30.1151

Square

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



30.6284, 29.9771, 32.1889



28.3344, 29.9771, 27.0259



26.4580, 29.9771, 33.0952



28.6509, 29.9771, 38.9822

Rectangle

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



30.6284, 29.9771, 32.1889



29.7287, 29.9771, 28.0126



26.4580, 29.9771, 33.0952



27.2908, 29.9771, 37.7508

Sweetspot

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



30.6292, 29.9784, 32.1895



61.0775, 62.8138, 68.1578



31.1722, 30.1018, 39.2896



13.2407, 13.5603, 14.7030



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.6292, 29.9784, 32.1895



53.6626, 51.4630, 54.9609



31.2512, 31.7200, 30.8625



7.1290, 7.1080, 7.6656



11.9613, 6.1406, 1.7208



0.2662, 0.1350, 0.1145

Inverse Universe

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



30.6292, 29.9784, 32.1895



53.6626, 51.4630, 54.9609



30.4303, 33.0643, 39.9006



7.1290, 7.1080, 7.6656



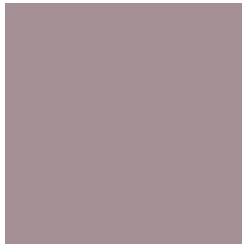
11.9613, 6.1406, 1.7208



0.2662, 0.1350, 0.1145

Previews

White Background



This preview shows how the XYZ color 30.6284, 29.9771, 32.1889 looks on a white background.

Color Contrast Check

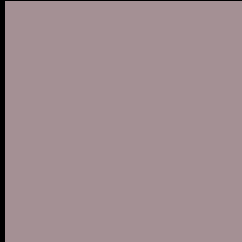
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6284, 29.9771, 32.1889 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

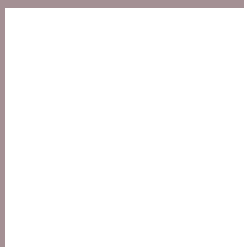
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6284, 29.9771, 32.1889

Background



This preview shows how black text looks on a background with the XYZ color 30.6284, 29.9771, 32.1889.



This preview shows how white text looks on a background with the XYZ color 30.6284, 29.9771,

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

30.6284, 29.9771, 32.1889

Protanopia

28.8574, 29.9611, 33.1163

Deuteranopia

30.6284, 29.9771, 32.1889



Tritanopia

31.1722, 29.9773, 34.7151

Trichromacy



Original Color

30.6284, 29.9771, 32.1889

Protanomaly

29.5688, 30.1053, 32.6862

Deuteranomaly

30.6284, 29.9771, 32.1889

Tritanomaly

31.0070, 29.9113, 33.8450

Monochromacy



Original Color

30.6284, 29.9771, 32.1889

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5323, 30.3183, 32.7293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6284, 29.9771, 32.1889 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(164, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 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(164, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.6284, 29.9771, 32.1889 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(164, 144, 148) }
```


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

```
.border{ border-color:rgb(164, 144, 148) }
```

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

Here you see how a box with a 4 pixel rgb(164, 144, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6284, 29.9771, 32.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 148) }
```

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

```
.background{ background-color: rgb(164,  
144, 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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