

Converting Colors

XYZ(30.3281, 29.3766, 32.0888)

Have a look what the booklet for
XYZ(30.3281, 29.3766, 32.0888)
contains.

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Color

**XYZ(30.3281, 29.3766,
32.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	A48E94
RGB	164, 142, 148
RGB Percent	64%, 56%, 58%
CMY	0.3569, 0.4431, 0.4196
CMYK	0.00, 0.13, 0.10, 0.36
HSL	344°, 11%, 60%
HSV	344°, 13%, 64%
XYZ	30.3281, 29.3766, 32.0888
YIQ	149.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

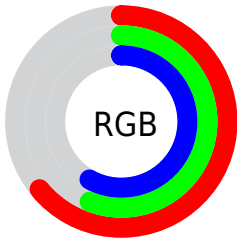
Format	Color
RYB	164, 142, 148
Decimal	10784404
CIELab	61.11, 9.29, -0.14
CIELCh	61, 9.288, 359.123
Yxy	29.3766, 0.3304, 0.3200
Android (android.graphics.Color)	4288974484 (0xFFA48E94)
YUV	149.2620, -0.6222, 12.9252
Hunter-Lab	54.2002, 5.0306, 2.8379

Details

The XYZ color **30.3281, 29.3766, 32.0888** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6034, 34.7710, 37.4478**, and the grayscale version is **28.6773, 30.1707, 32.8559**.

A 20% lighter version of the original color is **59.6140, 58.8042, 64.0855**, and **12.6669, 11.9621, 12.9506** is the 20% darker color. If you saturate the color by 10%, you get **27.1693, 24.4928, 26.6151**, and if you desaturate by 10%, it is **33.9449, 35.0200, 38.1960**.

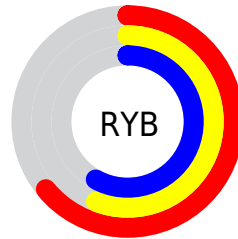
Distribution



Red (64%)

Green (56%)

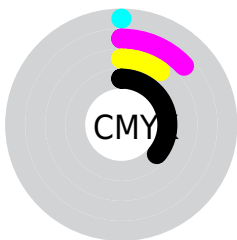
Blue (58%)



Red (64%)

Yellow (56%)

Blue (58%)

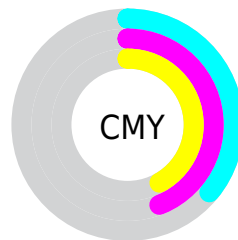


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3281, 29.3766, 32.0888 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 30.3281, 29.3766, 32.0888 by changing the saturation by 10% instead.

■ 30.3281, 29.3766,
32.0888

■ 30.3281, 29.3766,
32.0888

295.3133,
298.9877, 326.0287

■ 20.2371, 19.3659,
21.1640

■ 59.5637, 58.6749,
64.0498

■ 12.6768, 11.9350,
13.0515

■ 79.4390, 78.7313,
85.9230

■ 7.2818, 6.6994,
7.3329

■ 103.3065,
102.9050, 112.2828

■ 3.6868, 3.2748,
3.5895

131.5314,
131.5805, 143.5477

■ 1.5265, 1.2768,
1.4030

164.4792,
165.1421, 180.1362

■ 0.3438, 0.1232,
0.1440

202.5152,

■ 0.0000, 0.0000,

203.9743, 222.4668

0.0000

246.0048,
248.4613, 270.9582

■ 30.3281, 29.3766,
32.0888

■ 30.3281, 29.3766,
32.0888

■ 27.1693, 24.4928,
26.6151

■ 33.9449, 35.0200,
38.1960

■ 24.4476, 20.3323,
21.7524

■ 38.0346, 41.4494,
44.9545

■ 22.1437, 16.8615,
17.4795


■ 42.6148, 48.6950,
52.3837


■ 20.2364, 14.0429,
13.7733


■ 47.7010, 56.7841,
60.5016


■ 18.7023, 11.8352,
10.6090

■ 53.3083, 65.7428,
69.3256


 17.5154, 10.1923,
7.9600


 59.4510, 75.5958,
78.8725


 16.6463, 9.0617,
5.7971

 65.5648, 85.2105,
88.9654

 16.0602, 8.3805,
4.0878

 67.3128, 85.9097,
98.1702

 15.7781, 8.0798,
3.1817

 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.



29.9792, 29.3766, 35.5513



30.3281, 29.3766, 32.0888



30.0168, 29.3766, 28.8331

Triad

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



30.3281, 29.3766, 32.0888



26.7978, 29.3766, 26.4800



26.7374, 29.3766, 38.0918

Complementary

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



30.3281, 29.3766, 32.0888



30.6034, 34.7710, 37.4478

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.



25.9262, 29.3766, 35.3610



30.3281, 29.3766, 32.0888



25.9603, 29.3766, 28.6676

Square

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



30.3281, 29.3766, 32.0888



27.9574, 29.3766, 25.7404



25.6458, 29.3766, 31.8837



27.8858, 29.3766, 39.1683

Rectangle

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



30.3281, 29.3766, 32.0888



29.4817, 29.3766, 27.1803



25.6458, 29.3766, 31.8837



26.4175, 29.3766, 37.3275

Sweetspot

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



30.3289, 29.3779, 32.0894



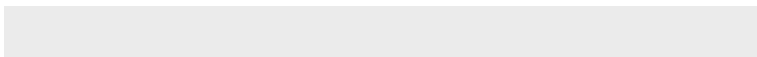
61.1540, 62.8444, 68.5609



30.4295, 29.2731, 39.1687



13.2603, 13.5681, 14.8060



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.



30.3289, 29.3779, 32.0894



53.3116, 50.6257, 55.2609



30.5907, 30.6416, 29.8949



7.1494, 7.1162, 7.7733



12.1155, 6.2023, 2.5331



0.2733, 0.1378, 0.1519

Inverse Universe

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



30.3289, 29.3779, 32.0894



53.3116, 50.6257, 55.2609



30.2954, 33.3085, 39.9547



7.1494, 7.1162, 7.7733



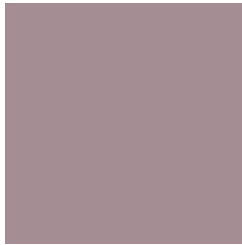
12.1155, 6.2023, 2.5331



0.2733, 0.1378, 0.1519

Previews

White Background



This preview shows how the XYZ color 30.3281, 29.3766, 32.0888 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 30.3281, 29.3766, 32.0888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

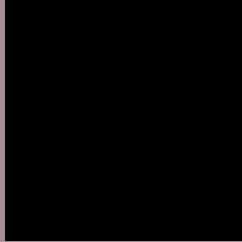
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3281, 29.3766, 32.0888

Background



This preview shows how black text looks on a background with the XYZ color 30.3281, 29.3766, 32.0888.



This preview shows how white text looks on a background with the XYZ color 30.3281, 29.3766,

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

30.3281, 29.3766, 32.0888

Protanopia

28.4141, 29.4914, 33.4730

Deuteranopia

30.0680, 29.4644, 32.1194



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

30.3281, 29.3766, 32.0888

Protanomaly

28.9568, 29.3228, 32.9878

Deuteranomaly

30.2720, 29.5696, 32.1290

Tritanomaly

30.6278, 29.2835, 33.3162

Monochromacy



Original Color

30.3281, 29.3766, 32.0888

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0301, 29.5977, 32.6166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3281, 29.3766, 32.0888 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, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(164, 142, 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, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 142, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.3281, 29.3766, 32.0888 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, 142, 148) }
```


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

```
.border{ border-color:rgb(164, 142, 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, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(164, 142,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3281, 29.3766, 32.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 142, 148) }
```

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

```
.background{ background-color: rgb(164,  
142, 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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