

Converting Colors

XYZ(32.5954, 29.9094, 41.1016)

Have a look what the booklet for
XYZ(32.5954, 29.9094, 41.1016)
contains.

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Color

**XYZ(32.5944, 29.9082,
41.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	A88CA8
RGB	168, 140, 168
RGB Percent	66%, 55%, 66%
CMY	0.3412, 0.4510, 0.3412
CMYK	0.00, 0.17, 0.00, 0.34
HSL	300°, 14%, 60%
HSV	300°, 17%, 66%
XYZ	32.5944, 29.9082, 41.1007
YIQ	151.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

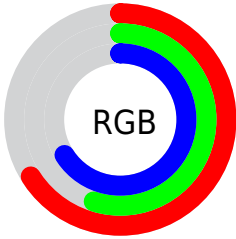
Format	Color
R _Y B	168, 140, 168
Decimal	11046056
CIE Lab	61.57, 15.60, -10.79
CIE LCh	62, 18.970, 325.327
Yxy	29.9082, 0.3146, 0.2887
Android (android.graphics.Color)	4289236136 (0xFFA88CA8)
YUV	151.5640, 8.1029, 14.4144
Hunter-Lab	54.6884, 10.6817, -6.2771

Details

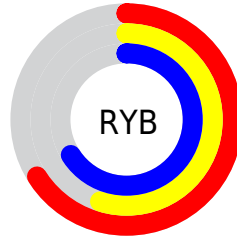
The XYZ color **32.5944, 29.9082, 41.1007** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **29.5527, 35.4750, 30.1024**, and the grayscale version is **29.6220, 31.1646, 33.9383**.

A 20% lighter version of the original color is **63.0425, 59.5993, 77.9931**, and **14.0110, 12.2863, 18.1560** is the 20% darker color. If you saturate the color by 10%, you get **30.3249, 25.3687, 40.3445**, and if you desaturate by 10%, it is **35.2405, 35.1999, 41.9831**.

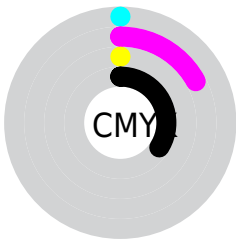
Distribution



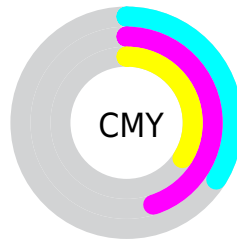
- Red (66%)
- Green (55%)
- Blue (66%)



- Red (66%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5944, 29.9082, 41.1007 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 32.5944, 29.9082, 41.1007 by changing the saturation by 10% instead.


 32.5944, 29.9082,
41.1007


 32.5944, 29.9082,
41.1007


305.5155,
301.4763, 366.4304


 21.9737, 19.7689,
28.0775

 63.1007, 59.5170,
78.0921

 13.9540, 12.2272,
18.1445


 83.7170, 79.7553,
102.8973

 8.1702, 6.8986,
10.8833


 108.3958,
104.1287, 132.4669

 4.2568, 3.3988,
5.8752

137.5025,
133.0216, 167.2196

 1.8484, 1.3433,
2.7018

171.4025,
166.8184, 207.5737

 0.5466, 0.1744,
0.9443

210.4610,

 0.0000, 0.0000,

205.9035, 253.9478

0.0000

255.0436,
250.6614, 306.7606

■ 32.5944, 29.9082,
41.1007

■ 32.5944, 29.9082,
41.1007

■ 30.3249, 25.3687,
40.3445

■ 35.2405, 35.1999,
41.9831

■ 28.4124, 21.5436,
39.7070

■ 38.2763, 41.2716,
42.9951

■ 26.8394, 18.3978,
39.1827

■ 41.7178, 48.1545,
44.1422

■ 25.5863, 15.8915,
38.7649

■ 45.5790, 55.8769,
45.4293

■ 24.6309, 13.9808,
38.4464

■ 49.8735, 64.4659,
46.8609

■ 23.9488, 12.6166,
38.2190

■ 54.6141, 73.9472,
48.4411

■ 23.5113, 11.7415,
38.0732

■ 58.9766, 82.6721,
49.8953

■ 23.2774, 11.2737,
37.9952

■ 58.9766, 82.6721,
49.8953

■ 23.2166, 11.1521,
37.9749

■ 58.9766, 82.6721,
49.8953

Harmonies

Analogous

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



30.5472, 29.9082, 46.7635



32.5944, 29.9082, 41.1007



33.5268, 29.9082, 33.7068

Triad

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



32.5944, 29.9082, 41.1007



28.8228, 29.9082, 20.6150



24.2741, 29.9082, 38.8594

Complementary

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



32.5944, 29.9082, 41.1007



29.5527, 35.4750, 30.1024

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.



23.8723, 29.9082, 31.4492



32.5944, 29.9082, 41.1007



26.4069, 29.9082, 21.5776

Square

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



32.5944, 29.9082, 41.1007



31.2690, 29.9082, 22.4469



24.6306, 29.9082, 25.3012



25.7623, 29.9082, 45.3415

Rectangle

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



32.5944, 29.9082, 41.1007



33.3529, 29.9082, 29.0379



24.6306, 29.9082, 25.3012



24.0114, 29.9082, 36.3667

Sweetspot

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



32.5953, 29.9095, 41.1013



64.7671, 65.5122, 76.4566



27.2626, 27.1604, 40.8518



14.0397, 14.1254, 16.6386



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.5953, 29.9095, 41.1013



57.5452, 51.0684, 74.0492



31.3603, 29.4155, 34.5978



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6768



0.4266, 0.2049, 0.6977

Inverse Universe

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



32.5953, 29.9095, 41.1013



57.5452, 51.0684, 74.0492



30.6517, 35.9146, 35.8897



7.8419, 7.6666, 9.4848



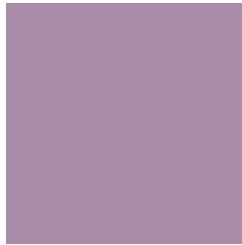
17.5320, 8.4215, 28.6768



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 32.5944, 29.9082, 41.1007 looks on a white background.

Color Contrast Check

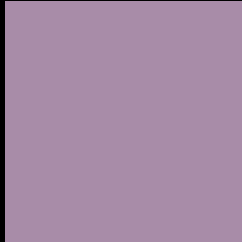
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5944, 29.9082, 41.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

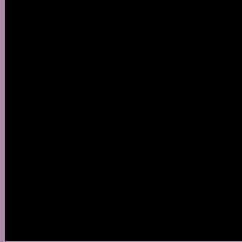
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5944, 29.9082, 41.1007

Background



This preview shows how black text looks on a background with the XYZ color 32.5944, 29.9082, 41.1007.



This preview shows how white text looks on a background with the XYZ color 32.5944, 29.9082,

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

32.5944, 29.9082, 41.1007

Protanopia

29.6343, 30.1262, 43.7882

Deuteranopia

30.6180, 30.0094, 40.7379



Tritanopia

31.2316, 29.7861, 34.6751

Trichromacy



Original Color

32.5944, 29.9082, 41.1007

Protanomaly

30.6130, 29.9634, 42.6981

Deuteranomaly

31.2947, 29.9085, 40.6827

Tritanomaly

31.7192, 29.7684, 36.8750

Monochromacy



Original Color

32.5944, 29.9082, 41.1007

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8620, 30.9175, 36.6888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5944, 29.9082, 41.1007 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(168, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 168)  
}
```

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(168, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.5944, 29.9082, 41.1007 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(168, 140, 168) }
```


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

```
.border{ border-color:rgb(168, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 140,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5944, 29.9082, 41.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 140, 168) }
```

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

```
.background{ background-color: rgb(168,  
140, 168) }
```

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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