

Converting Colors

XYZ(29.8234, 28.2434, 27.7522)

Have a look what the booklet for
XYZ(29.8234, 28.2434, 27.7522)
contains.

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Color

**XYZ(29.8244, 28.3368,
27.9424)**

Conversions

Conversions Part 1

Format	Color
Hex	A88A8A
RGB	168, 138, 138
RGB Percent	66%, 54%, 54%
CMY	0.3412, 0.4588, 0.4588
CMYK	0.00, 0.18, 0.18, 0.34
HSL	0°, 15%, 60%
HSV	0°, 18%, 66%
XYZ	29.8244, 28.3368, 27.9424
YIQ	146.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

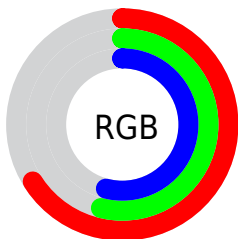
Format	Color
R_{YB}	168, 138, 138
Decimal	11045514
CIE _{Lab}	60.19, 11.35, 4.27
CIE _{LCh}	60, 12.130, 20.608
Yxy	28.3368, 0.3464, 0.3291
Android (android.graphics.Color)	4289235594 (0xFFA88A8A)
YUV	146.9700, -4.4222, 18.4433
Hunter-Lab	53.2323, 6.8514, 6.1405

Details

The XYZ color **29.8244, 28.3368, 27.9424** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5515, 36.2348, 42.3771**, and the grayscale version is **27.7340, 29.1783, 31.7751**.

A 20% lighter version of the original color is **58.7752, 56.8705, 57.1695**, and **12.4536, 11.3970, 10.7760** is the 20% darker color. If you saturate the color by 10%, you get **26.4745, 23.4352, 21.2819**, and if you desaturate by 10%, it is **33.7368, 34.0618, 35.7193**.

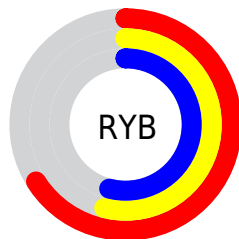
Distribution



Red (66%)

Green (54%)

Blue (54%)



Red (66%)

Yellow (54%)

Blue (54%)

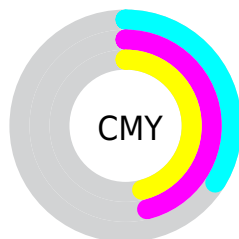


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (34%)



Cyan (34%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8244, 28.3368, 27.9424 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 29.8244, 28.3368, 27.9424 by changing the saturation by 10% instead.


 29.8244, 28.3368,
27.9424


 29.8244, 28.3368,
27.9424


293.0096,
294.0728, 306.0949


 19.8527, 18.5797,
18.0436


 58.7729, 57.0217,
57.4145

 12.3957, 11.3670,
10.8115

 78.4805, 76.7183,
77.8248

 7.0879, 6.3142,
5.8277


 102.1640,
100.4969, 102.5760

 3.5639, 3.0371,
2.6735

130.1890,
128.7418, 132.0867

 1.4585, 1.1511,
0.9300

162.9207,
161.8374, 166.7754

 0.2974, 0.0212,
0.0000

200.7244,

 0.0000, 0.0000,

200.1682, 207.0606

0.0000

243.9656,
244.1185, 253.3609

■ 29.8244, 28.3368,
27.9424

■ 29.8244, 28.3368,
27.9424

■ 26.4745, 23.4352,
21.2819

■ 33.7368, 34.0618,
35.7193

■ 23.6591, 19.3155,
15.6850

■ 38.2334, 40.6415,
44.6587

■ 21.3513, 15.9384,
11.0972

■ 43.3376, 48.1102,
54.8061

■ 19.5208, 13.2598,
7.4583

■ 49.0709, 56.4995,
66.2043

■ 18.1342, 11.2308,
4.7021

■ 55.4537, 65.8391,
78.8937

■ 17.1539, 9.7963,
2.7536

■ 62.5054, 76.1575,
92.9131

■ 16.5360, 8.8920,
1.5255

■ 69.9586, 87.0649,
107.7257

■ 16.2076, 8.4113,
0.8727

■ 16.1488, 8.3253,
0.7558

Harmonies

Analogous

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



29.9863, 28.3368, 32.2699



29.8244, 28.3368, 27.9424



28.8720, 28.3368, 24.7088

Triad

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



29.8244, 28.3368, 27.9424



24.6921, 28.3368, 25.7414



26.4492, 28.3368, 40.0780

Complementary

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



29.8244, 28.3368, 27.9424



31.5515, 36.2348, 42.3771

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.



25.0833, 28.3368, 37.9419



29.8244, 28.3368, 27.9424



24.0949, 28.3368, 29.4800

Square

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



29.8244, 28.3368, 27.9424



25.8965, 28.3368, 23.5253



24.2353, 28.3368, 33.9611



27.9974, 28.3368, 39.5655

Rectangle

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



29.8244, 28.3368, 27.9424



27.9364, 28.3368, 23.4736



24.2353, 28.3368, 33.9611



25.9545, 28.3368, 39.6387

Sweetspot

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



29.8252, 28.3381, 27.9430



63.3681, 64.9531, 69.0882



32.3051, 29.3293, 41.0045



13.6961, 13.9881, 14.8288



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.



29.8252, 28.3381, 27.9430



51.8624, 48.1172, 46.2147



32.1275, 32.9426, 28.7104



7.5312, 7.5424, 7.8482



12.1948, 6.2869, 0.5708



0.2967, 0.1530, 0.0139

Inverse Universe

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



31.5515, 36.2348, 42.3771



55.5225, 64.8598, 76.8179



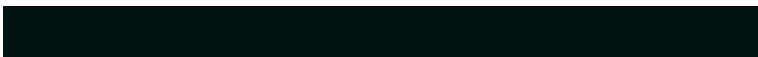
28.9407, 31.0133, 41.5069



7.7475, 8.5319, 9.6568



15.9091, 23.2784, 31.6302



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 29.8244, 28.3368, 27.9424 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 29.8244, 28.3368, 27.9424 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 29.8244, 28.3368, 27.9424

Background



This preview shows how black text looks on a background with the XYZ color 29.8244, 28.3368, 27.9424.



This preview shows how white text looks on a background with the XYZ color 29.8244, 28.3368,

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

29.8244, 28.3368, 27.9424

Protanopia

27.4023, 28.5934, 29.6660

Deuteranopia

28.8658, 28.2725, 27.9805



Tritanopia

30.5743, 28.4329, 31.4804

Trichromacy



Original Color

29.8244, 28.3368, 27.9424

Protanomaly

28.1910, 28.3370, 29.1831

Deuteranomaly

29.1299, 28.1927, 27.9512

Tritanomaly

30.3419, 28.3400, 30.2565

Monochromacy



Original Color

29.8244, 28.3368, 27.9424

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5249, 28.9287, 30.4659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8244, 28.3368, 27.9424 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, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 138)  
}
```

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, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 29.8244, 28.3368, 27.9424 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, 138, 138) }
```


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

```
.border{ border-color:rgb(168, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8244, 28.3368, 27.9424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 138) }
```

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

```
.background{ background-color: rgb(168,  
138, 138) }
```

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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