

Converting Colors

XYZ(29.6947, 28.9343, 27.3124)

Have a look what the booklet for
XYZ(29.6947, 28.9343, 27.3124)
contains.

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Color

**XYZ(29.6947, 28.9343,
27.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	A68D88
RGB	166, 141, 136
RGB Percent	65%, 55%, 53%
CMY	0.3490, 0.4470, 0.4667
CMYK	0.00, 0.15, 0.18, 0.35
HSL	10°, 14%, 59%
HSV	10°, 18%, 65%
XYZ	29.6947, 28.9343, 27.3124
YIQ	147.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

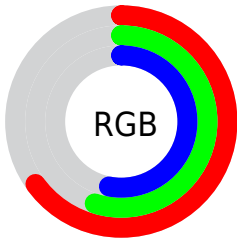
Format	Color
RYB	166, 142, 136
Decimal	10915208
CIELab	60.72, 8.57, 6.15
CIElCh	61, 10.546, 35.663
Yxy	28.9343, 0.3455, 0.3367
Android (android.graphics.Color)	4289105288 (0xFFA68D88)
YUV	147.9050, -5.8692, 15.8693
Hunter-Lab	53.7906, 4.4060, 7.5487

Details

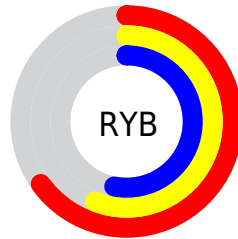
The XYZ color **29.6947, 28.9343, 27.3124** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7810, 33.4765, 40.9686**, and the grayscale version is **28.1282, 29.5931, 32.2269**.

A 20% lighter version of the original color is **58.5192, 58.0765, 56.2697**, and **12.3602, 11.7315, 10.4170** is the 20% darker color. If you saturate the color by 10%, you get **26.6916, 24.6719, 20.9347**, and if you desaturate by 10%, it is **33.1369, 33.7819, 34.7387**.

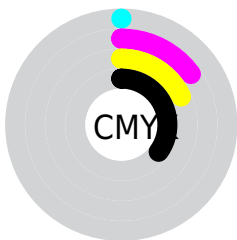
Distribution



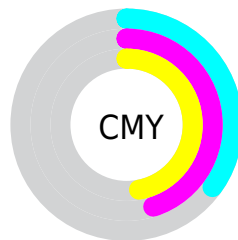
- Red (65%)
- Green (55%)
- Blue (53%)



- Red (65%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6947, 28.9343, 27.3124 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 29.6947, 28.9343, 27.3124 by changing the saturation by 10% instead.

■ 29.6947, 28.9343,
27.3124

■ 29.6947, 28.9343,
27.3124

292.4142,
296.9048, 302.9744

■ 19.7539, 19.0311,
17.5735

■ 58.5690, 57.9727,
56.3946

■ 12.3235, 11.6928,
10.4779

■ 78.2332, 77.8767,
76.5749

■ 7.0382, 6.5348,
5.6073

■ 101.8692,
101.8831, 101.0728

■ 3.5325, 3.1729,
2.5429

129.8424,
130.3763, 130.3068

■ 1.4412, 1.2227,
0.8627

162.5181,
163.7406, 164.6954

■ 0.2853, 0.0801,
0.0000

200.2618,

■ 0.0000, 0.0000,

202.3606, 204.6572

0.0000

243.4387,
246.6205, 250.6107

■ 29.6947, 28.9343,
27.3124

■ 29.6947, 28.9343,
27.3124

■ 26.6916, 24.6719,
20.9347

■ 33.1369, 33.7819,
34.7387

■ 24.1074, 20.9687,
15.5564

■ 37.0325, 39.2316,
43.2559

■ 21.9240, 17.8026,
11.1273

■ 41.3982, 45.3045,
52.9065

■ 20.1210, 15.1483,
7.5920

■ 46.2489, 52.0197,
63.7299

■ 18.6760, 12.9789,
4.8891

■ 51.5992, 59.3952,
75.7637

■ 17.5643, 11.2644,
2.9498

■ 57.4626, 67.4484,
89.0439

■ 16.7580, 9.9718,
1.6941

■ 63.8526, 76.1960,
103.6049

■ 16.2167, 9.0604,
0.9860

■ 68.4791, 84.7332,
107.3537

■ 16.1338, 8.9226,
0.8719

■ 69.5360, 86.8470,
107.7060

Harmonies

Analogous

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



30.2034, 28.9343, 30.7668



29.6947, 28.9343, 27.3124



28.5998, 28.9343, 25.1256

Triad

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



29.6947, 28.9343, 27.3124



25.1729, 28.9343, 28.5002



27.7616, 28.9343, 39.6136

Complementary

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



29.6947, 28.9343, 27.3124



29.7810, 33.4765, 40.9686

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.



26.4311, 28.9343, 38.8810



29.6947, 28.9343, 27.3124



24.9652, 28.9343, 32.2540

Square

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



29.6947, 28.9343, 27.3124



25.9956, 28.9343, 25.7705



25.4184, 28.9343, 36.1051



29.0639, 28.9343, 38.0317

Rectangle

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



29.6947, 28.9343, 27.3124



27.7006, 28.9343, 24.5724



25.4184, 28.9343, 36.1051



27.3027, 28.9343, 39.6313

Sweetspot

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



29.6955, 28.9356, 27.3130



62.1586, 64.1407, 67.4411



30.9634, 28.2889, 37.5469



13.8059, 14.2078, 14.8654



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.



29.6955, 28.9356, 27.3130



51.4341, 49.0315, 44.3213



32.0586, 33.6618, 28.1007



7.6285, 7.7370, 7.8806



12.5352, 6.9676, 0.6842



0.3336, 0.2268, 0.0262

Inverse Universe

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



29.7810, 33.4765, 40.9686



51.6189, 58.9407, 74.1314



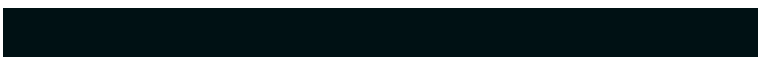
27.3156, 28.5456, 40.1468



7.6395, 8.3159, 9.6208



12.4496, 16.3593, 30.4770



0.3303, 0.4528, 0.7506

Previews

White Background



This preview shows how the XYZ color 29.6947, 28.9343, 27.3124 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 29.6947, 28.9343, 27.3124 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 29.6947, 28.9343, 27.3124

Background



This preview shows how black text looks on a background with the XYZ color 29.6947, 28.9343, 27.3124.



This preview shows how white text looks on a background with the XYZ color 29.6947, 28.9343,

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

29.6947, 28.9343, 27.3124

Protanopia

27.7016, 29.0012, 28.5638

Deuteranopia

29.4859, 28.8267, 27.3026



Tritanopia

30.8861, 28.9921, 32.8223

Trichromacy



Original Color

29.6947, 28.9343, 27.3124

Protanomaly

28.2710, 28.8494, 28.1232

Deuteranomaly

29.4859, 28.8267, 27.3026

Tritanomaly

30.4253, 29.0160, 30.7851

Monochromacy



Original Color

29.6947, 28.9343, 27.3124

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6770, 29.2330, 30.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6947, 28.9343, 27.3124 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(166, 141, 136) looks like.

```
.text, #text, p{  
    color:rgb(166, 141, 136)  
}
```

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(166, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 141, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.6947, 28.9343, 27.3124 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(166, 141, 136) }
```


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

```
.border{ border-color:rgb(166, 141, 136) }
```

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

Here you see how a box with a 4 pixel rgb(166, 141, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(166, 141,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6947, 28.9343, 27.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 141, 136) }
```

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

```
.background{ background-color: rgb(166,  
141, 136) }
```

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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