

Converting Colors

XYZ(28.8234, 29.6044, 27.4876)

Have a look what the booklet for
XYZ(28.8234, 29.6044, 27.4876)
contains.

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Color

**XYZ(28.8234, 29.6044,
27.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9288
RGB	158, 146, 136
RGB Percent	62%, 57%, 53%
CMY	0.3804, 0.4274, 0.4667
CMYK	0.00, 0.08, 0.14, 0.38
HSL	27°, 10%, 58%
HSV	27°, 14%, 62%
XYZ	28.8234, 29.6044, 27.4876
YIQ	148.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

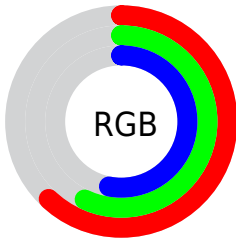
Format	Color
R_{YB}	158, 154, 136
Decimal	10392200
CIE _{Lab}	61.31, 2.68, 6.89
CIE _{LCh}	61, 7.397, 68.727
Yxy	29.6044, 0.3355, 0.3446
Android (android.graphics.Color)	4288582280 (0xFF9E9288)
YUV	148.4480, -6.1369, 8.3771
Hunter-Lab	54.4099, -0.6578, 8.1340

Details

The XYZ color **28.8234, 29.6044, 27.4876** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9148, 28.8823, 36.5045**, and the grayscale version is **28.3579, 29.8348, 32.4901**.

A 20% lighter version of the original color is **57.2802, 59.1288, 56.5381**, and **11.9260, 12.1634, 10.5233** is the 20% darker color. If you saturate the color by 10%, you get **26.5039, 26.6318, 21.5769**, and if you desaturate by 10%, it is **31.4102, 32.8461, 34.3049**.

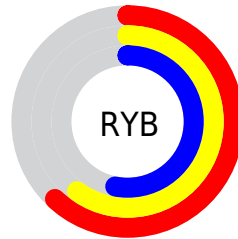
Distribution



Red (62%)

Green (57%)

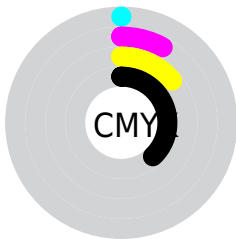
Blue (53%)



Red (62%)

Yellow (60%)

Blue (53%)

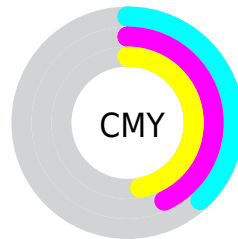


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8234, 29.6044, 27.4876 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 28.8234, 29.6044, 27.4876 by changing the saturation by 10% instead.

■ 28.8234, 29.6044,
27.4876

■ 28.8234, 29.6044,
27.4876

288.3901,
300.0561, 303.8448

■ 19.0909, 19.5385,
17.7041

■ 57.1959, 59.0360,
56.6785

■ 11.8404, 12.0600,
10.5705

■ 76.5666, 79.1705,
76.9231

■ 6.7065, 6.7846,
5.6683

■ 99.8807, 103.4300,
101.4917

■ 3.3239, 3.3277,
2.5790

127.5036,
132.1989, 130.8029

■ 1.3273, 1.3051,
0.8816

159.8006,
165.8615, 165.2753

■ 0.2035, 0.1452,
0.0000

197.1371,

■ 0.0000, 0.0000,

204.8023, 205.3274

0.0000

239.8785,
249.4057, 251.3777

■ 28.8234, 29.6044,
27.4876

■ 28.8234, 29.6044,
27.4876

■ 26.5039, 26.6318,
21.5769

■ 31.4102, 32.8461,
34.3049

■ 24.4400, 23.9171,
16.5321

■ 34.2707, 36.3599,
42.0632

■ 22.6223, 21.4540,
12.3122

■ 37.4143, 40.1538,
50.7976

■ 21.0401, 19.2343,
8.8724

■ 40.8491, 44.2343,
60.5407

■ 19.6818, 17.2496,
6.1631

■ 44.5826, 48.6075,
71.3235

■ 18.5344, 15.4906,
4.1293

■ 48.6225, 53.2794,
83.1758

■ 17.5836, 13.9472,
2.7078

■ 52.9758, 58.2559,
96.1262

■ 16.8123, 12.6082,
1.8232

■ 56.4345, 63.0566,
103.8045

■ 16.4076, 11.8830,
1.4289

■ 58.6858, 67.5593,
104.5549

Harmonies

Analogous

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



29.6253, 29.6044, 28.9921



28.8234, 29.6044, 27.4876



27.8547, 29.6044, 27.2156

Triad

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



28.8234, 29.6044, 27.4876



26.3264, 29.6044, 33.0553



29.3267, 29.6044, 36.6045

Complementary

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



28.8234, 29.6044, 27.4876



26.9148, 28.8823, 36.5045

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.



28.4234, 29.6044, 37.8346



28.8234, 29.6044, 27.4876



26.7015, 29.6044, 35.7093

Square

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



28.8234, 29.6044, 27.4876



26.4279, 29.6044, 30.3262



27.4637, 29.6044, 37.4979



29.9206, 29.6044, 34.2206

Rectangle

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



28.8234, 29.6044, 27.4876



27.2471, 29.6044, 27.7536



27.4637, 29.6044, 37.4979



29.0483, 29.6044, 37.1727

Sweetspot

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



28.8242, 29.6057, 27.4882



56.9638, 59.5531, 62.0930



28.2584, 27.0191, 31.7848



12.7624, 13.3268, 13.7851



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.8242, 29.6057, 27.4882



50.8546, 51.8688, 46.0779



30.5850, 33.1273, 28.0752



6.8690, 7.1180, 6.9975



13.1792, 9.5939, 1.1572



0.2774, 0.2551, 0.0346

Inverse Universe

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



26.9148, 28.8823, 36.5045



46.6378, 50.2709, 65.9886



25.2852, 25.6231, 35.9613



6.5694, 7.0045, 8.4124



7.6582, 7.4080, 26.9335



0.1789, 0.2165, 0.4956

Previews

White Background



This preview shows how the XYZ color 28.8234, 29.6044, 27.4876 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 28.8234, 29.6044, 27.4876 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 28.8234, 29.6044, 27.4876

Background



This preview shows how black text looks on a background with the XYZ color 28.8234, 29.6044, 27.4876.



This preview shows how white text looks on a background with the XYZ color 28.8234, 29.6044,

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

28.8234, 29.6044, 27.4876

Protanopia

28.2421, 29.7583, 27.9223

Deuteranopia

30.2742, 29.6666, 27.7975



Tritanopia

30.1524, 29.4516, 34.6674

Trichromacy



Original Color

28.8234, 29.6044, 27.4876

Protanomaly

28.4666, 29.6421, 27.8881

Deuteranomaly

29.7985, 29.6452, 27.8185

Tritanomaly

29.5378, 29.4240, 31.7264

Monochromacy



Original Color

28.8234, 29.6044, 27.4876

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4167, 29.5565, 30.5928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8234, 29.6044, 27.4876 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(158, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(158, 146, 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(158, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 146, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.8234, 29.6044, 27.4876 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(158, 146, 136) }
```


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

```
.border{ border-color:rgb(158, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(158, 146,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8234, 29.6044, 27.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 146, 136) }
```

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

```
.background{ background-color: rgb(158,  
146, 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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