

Converting Colors

XYZ(29.9578, 27.6856, 27.1377)

Have a look what the booklet for
XYZ(29.9578, 27.6856, 27.1377)
contains.

XYZ(29.9823, 27.5984, 27.0393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.9823, 27.5984,
27.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8688
RGB	172, 134, 136
RGB Percent	67%, 53%, 53%
CMY	0.3255, 0.4745, 0.4667
CMYK	0.00, 0.22, 0.21, 0.33
HSL	357°, 19%, 60%
HSV	357°, 22%, 67%
XYZ	29.9823, 27.5984, 27.0393
YIQ	145.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

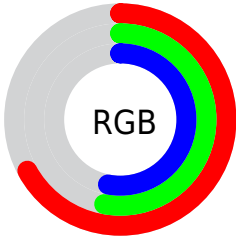
Format	Color
RYB	172, 134, 136
Decimal	11306632
CIELab	59.52, 14.83, 4.50
CIElCh	60, 15.499, 16.889
Yxy	27.5984, 0.3543, 0.3261
Android (android.graphics.Color)	4289496712 (0xFFAC8688)
YUV	145.5900, -4.7279, 23.1616
Hunter-Lab	52.5342, 9.9387, 6.2574

Details

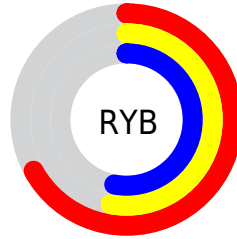
The XYZ color **29.9823, 27.5984, 27.0393** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.8409, 37.4764, 43.5876**, and the grayscale version is **27.1669, 28.5817, 31.1255**.

A 20% lighter version of the original color is **58.9505, 55.7088, 55.7899**, and **12.4578, 10.9345, 10.2581** is the 20% darker color. If you saturate the color by 10%, you get **26.7241, 22.7966, 20.6671**, and if you desaturate by 10%, it is **33.8048, 33.2465, 34.4690**.

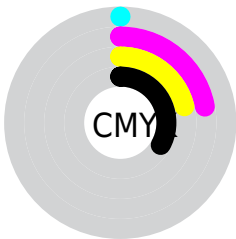
Distribution



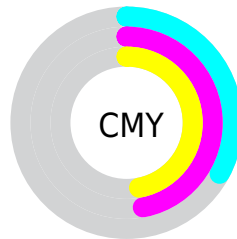
- Red (67%)
- Green (53%)
- Blue (53%)



- Red (67%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9823, 27.5984, 27.0393 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 29.9823, 27.5984, 27.0393 by changing the saturation by 10% instead.


 29.9823, 27.5984,
27.0393


 29.9823, 27.5984,
27.0393


293.7332,
290.5429, 301.6135


 19.9732, 18.0231,
17.3700


 59.0210, 55.8426,
55.9514

 12.4837, 10.9666,
10.3339

 78.7813, 75.2804,
76.0314

 7.1485, 6.0444,
5.5124


 102.5226, 98.7744,
100.4186

 3.6023, 2.8721,
2.4870

130.6105,
126.7092, 129.5318

 1.4797, 1.0653,
0.8333

163.4101,
159.4690, 163.7893

 0.3120, 0.0000,
0.0000

201.2868,

 0.0000, 0.0000,

197.4383, 203.6097

0.0000

244.6061,
241.0015, 249.4116

■ 29.9823, 27.5984,
27.0393

■ 29.9823, 27.5984,
27.0393

■ 26.7241, 22.7966,
20.6671

■ 33.8048, 33.2465,
34.4690

■ 24.0014, 18.7968,
15.3029

■ 38.2141, 39.7748,
42.9994

■ 21.7861, 15.5564,
10.8953

■ 43.2343, 47.2202,
52.6735

■ 20.0469, 13.0273,
7.3883

■ 48.8876, 55.6160,
63.5312

■ 18.7486, 11.1562,
4.7196

■ 55.1949, 64.9943,
75.6108

■ 17.8517, 9.8819,
2.8192

■ 62.1762, 75.3854,
88.9486

■ 17.3093, 9.1319,
1.6057

■ 69.8507, 86.8182,
103.5796

■ 17.0629, 8.7905,
1.0570

■ 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



30.0522, 27.5984, 32.5503



29.9823, 27.5984, 27.0393



28.8762, 27.5984, 22.8777

Triad

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



29.9823, 27.5984, 27.0393



23.5903, 27.5984, 23.2972



25.3907, 27.5984, 41.7586

Complementary

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



29.9823, 27.5984, 27.0393



31.8409, 37.4764, 43.5876

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.



23.7533, 27.5984, 38.5836



29.9823, 27.5984, 27.0393



22.7491, 27.5984, 27.6810

Square

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



29.9823, 27.5984, 27.0393



25.1580, 27.5984, 20.9076



22.8072, 27.5984, 33.2762



27.3350, 27.5984, 41.5310

Rectangle

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



29.9823, 27.5984, 27.0393



27.7297, 27.5984, 21.2220



22.8072, 27.5984, 33.2762



24.7881, 27.5984, 41.0387

Sweetspot

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



29.9831, 27.5997, 27.0399



65.1624, 65.9903, 69.9610



32.4348, 28.5167, 42.8248



14.0634, 14.1963, 15.0147



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.9831, 27.5997, 27.0399



51.0811, 45.1848, 42.5865



32.2981, 32.4548, 27.1179



8.0217, 8.0219, 8.4249



12.7040, 6.5441, 0.8206



0.3588, 0.1842, 0.0513

Inverse Universe

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



29.9831, 27.5997, 27.0399



51.0811, 45.1848, 42.5865



29.0893, 31.6686, 43.6095



8.0217, 8.0219, 8.4249



12.7040, 6.5441, 0.8206



0.3588, 0.1842, 0.0513

Previews

White Background



This preview shows how the XYZ color 29.9823, 27.5984, 27.0393 looks on a white background.

Color Contrast Check

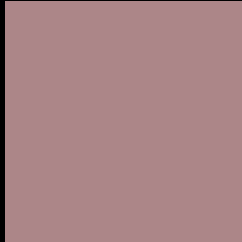
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9823, 27.5984, 27.0393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

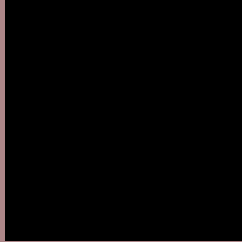
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9823, 27.5984, 27.0393

Background



This preview shows how black text looks on a background with the XYZ color 29.9823, 27.5984, 27.0393.



This preview shows how white text looks on a background with the XYZ color 29.9823, 27.5984,

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

29.9823, 27.5984, 27.0393

Protanopia

26.6628, 27.7711, 29.1544

Deuteranopia

28.3037, 27.7916, 26.7942



Tritanopia

30.5790, 27.6425, 29.7104

Trichromacy



Original Color

29.9823, 27.5984, 27.0393

Protanomaly

27.7486, 27.6882, 28.3079

Deuteranomaly

28.8359, 27.6399, 26.7369

Tritanomaly

30.3547, 27.5527, 28.5293

Monochromacy



Original Color

29.9823, 27.5984, 27.0393

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.0731, 28.2676, 29.5678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9823, 27.5984, 27.0393 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(172, 134, 136)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 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(172, 134, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.9823, 27.5984, 27.0393 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(172, 134, 136) }
```


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

```
.border{ border-color:rgb(172, 134, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 136);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9823, 27.5984, 27.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 136) }
```

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

```
.background{ background-color: rgb(172,  
134, 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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