

Converting Colors

XYZ(29.8521, 29.8236, 40.1394)

Have a look what the booklet for
XYZ(29.8521, 29.8236, 40.1394)
contains.

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Color

**XYZ(29.9243, 29.8903,
40.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	9792A6
RGB	151, 146, 166
RGB Percent	59%, 57%, 65%
CMY	0.4078, 0.4274, 0.3490
CMYK	0.09, 0.12, 0.00, 0.35
HSL	255°, 10%, 61%
HSV	255°, 12%, 65%
XYZ	29.9243, 29.8903, 40.2686
YIQ	149.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

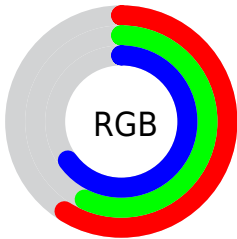
Format	Color
RYB	151, 146, 166
Decimal	9933478
CIELab	61.56, 5.84, -9.84
CIELCh	62, 11.438, 300.689
Yxy	29.8903, 0.2990, 0.2987
Android (android.graphics.Color)	4288123558 (0xFF9792A6)
YUV	149.7750, 7.9989, 1.0743
Hunter-Lab	54.6720, 2.0245, -5.3995

Details

The XYZ color **29.9243, 29.8903, 40.2686** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5237, 36.9257, 32.5562**, and the grayscale version is **28.8631, 30.3662, 33.0688**.

A 20% lighter version of the original color is **58.8823, 59.5081, 76.7894**, and **12.4757, 12.2900, 17.6343** is the 20% darker color. If you saturate the color by 10%, you get **25.3589, 24.0105, 39.3748**, and if you desaturate by 10%, it is **35.1071, 36.6416, 41.2990**.

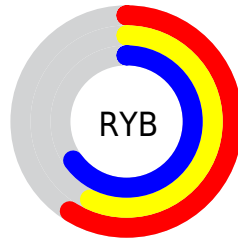
Distribution



Red (59%)

Green (57%)

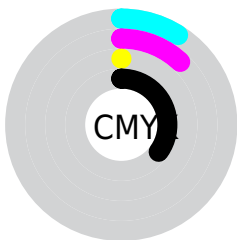
Blue (65%)



Red (59%)

Yellow (57%)

Blue (65%)

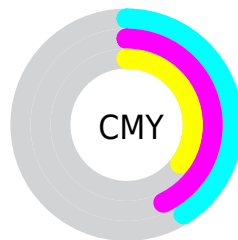


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (35%)



Cyan (41%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9243, 29.8903, 40.2686 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 29.9243, 29.8903, 40.2686 by changing the saturation by 10% instead.

■ 29.9243, 29.8903,
40.2686

■ 29.9243, 29.8903,
40.2686

293.4676,
301.3928, 362.8401

■ 19.9289, 19.7553,
27.4327

■ 58.9299, 59.4887,
76.8139

■ 12.4514, 12.2173,
17.6631

■ 78.6708, 79.7208,
101.3604

■ 7.1262, 6.8919,
10.5415

102.3910,
104.0875, 130.6474

■ 3.5882, 3.3946,
5.6491

130.4557,
132.9732, 165.0935

■ 1.4719, 1.3410,
2.5676

163.2304,
166.7621, 205.1173

■ 0.3066, 0.1726,
0.8757

201.0804,

■ 0.0000, 0.0000,

205.8388, 251.1373

0.0000

244.3710,
250.5875, 303.5721

■ 29.9243, 29.8903,
40.2686

■ 29.9243, 29.8903,
40.2686

■ 25.3589, 24.0105,
39.3748

■ 35.1071, 36.6416,
41.2990

■ 21.3849, 18.9627,
38.6099

■ 40.9269, 44.2942,
42.4694

■ 17.9780, 14.7099,
37.9686

■ 47.4057, 52.8814,
43.7854

■ 15.1113, 11.2106,
37.4442

■ 54.5634, 62.4334,
45.2519

■ 12.7559, 8.4197,
37.0297

■ 62.4194, 72.9792,
46.8734

■ 10.8795, 6.2873,
36.7170

■ 70.9921, 84.5464,
48.6542

■ 9.4462, 4.7564,
36.4970

■ 77.9577, 92.4786,
49.8182

■ 8.4144, 3.7602,
36.3591

■ 82.2880, 94.7109,
50.0208

■ 7.8169, 3.2346,
36.2892

■ 83.8830, 95.5332,
50.0955

Harmonies

Analogous

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



28.4449, 29.8903, 41.6310



29.9243, 29.8903, 40.2686



31.0292, 29.8903, 36.8075

Triad

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



29.9243, 29.8903, 40.2686



29.8615, 29.8903, 25.7928



25.5925, 29.8903, 32.6460

Complementary

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



29.9243, 29.8903, 40.2686



33.5237, 36.9257, 32.5562

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.



25.9422, 29.8903, 28.6258



29.9243, 29.8903, 40.2686



28.3748, 29.8903, 24.8884

Square

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



29.9243, 29.8903, 40.2686



30.9921, 29.8903, 28.4664



26.9473, 29.8903, 25.8789



25.9752, 29.8903, 36.9967

Rectangle

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



29.9243, 29.8903, 40.2686



31.3858, 29.8903, 33.9155



26.9473, 29.8903, 25.8789



25.6282, 29.8903, 31.2129

Sweetspot

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



29.9252, 29.8916, 40.2693



61.7159, 63.8854, 74.5536



31.5412, 34.4715, 41.0681



13.6517, 14.0885, 16.6520



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.



29.9252, 29.8916, 40.2693



52.3814, 51.7532, 72.7039



31.7937, 30.8548, 40.3567



7.3010, 7.3878, 9.4595



6.0989, 2.5275, 28.1419



0.1937, 0.0848, 0.6868

Inverse Universe

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



32.4389, 31.2394, 38.0400



57.7146, 54.6138, 67.9295



31.6500, 35.9598, 32.4685



7.7606, 7.6341, 9.0565



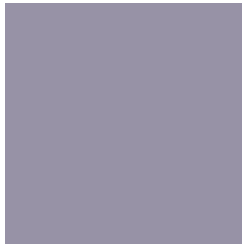
15.0606, 7.4329, 15.6624



0.3851, 0.1883, 0.4794

Previews

White Background



This preview shows how the XYZ color 29.9243, 29.8903, 40.2686 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 29.9243, 29.8903, 40.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

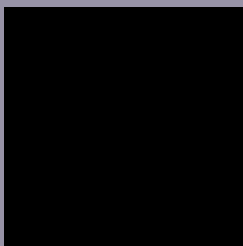
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9243, 29.8903, 40.2686

Background



This preview shows how black text looks on a background with the XYZ color 29.9243, 29.8903, 40.2686.



This preview shows how white text looks on a background with the XYZ color 29.9243, 29.8903,

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

29.9243, 29.8903, 40.2686

Protanopia

29.4190, 30.0808, 40.8148

Deuteranopia

30.5259, 29.9725, 40.2528



Tritanopia

29.2694, 29.8547, 37.0208

Trichromacy



Original Color

29.9243, 29.8903, 40.2686

Protanomaly

29.6215, 29.9534, 40.7796

Deuteranomaly

30.3348, 29.8740, 40.2438

Tritanomaly

29.5330, 29.9601, 38.4087

Monochromacy



Original Color

29.9243, 29.8903, 40.2686

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.3259, 30.3792, 35.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9243, 29.8903, 40.2686 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(151, 146, 166)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 166)  
}
```

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(151, 146, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.9243, 29.8903, 40.2686 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(151, 146, 166) }
```


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

```
.border{ border-color:rgb(151, 146, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 146, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 146, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 146, 166);  
box-shadow:4px 4px 4px 4px rgb(151, 146,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9243, 29.8903, 40.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 166) }
```

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

```
.background{ background-color: rgb(151,  
146, 166) }
```

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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