

Converting Colors

XYZ(28.7853, 27.0230, 43.7508)

Have a look what the booklet for
XYZ(28.7853, 27.0230, 43.7508)
contains.

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Color

**XYZ(28.8386, 27.0539,
43.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	9588AE
RGB	149, 136, 174
RGB Percent	58%, 53%, 68%
CMY	0.4157, 0.4667, 0.3176
CMYK	0.14, 0.22, 0.00, 0.32
HSL	261°, 19%, 61%
HSV	261°, 22%, 68%
XYZ	28.8386, 27.0539, 43.7464
YIQ	144.2190, -4.4500, 14.5740

Conversions

Conversions Part 2

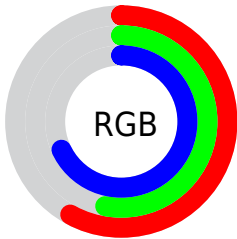
Format	Color
R _Y B	149, 136, 174
Decimal	9799854
CIE Lab	59.02, 12.60, -18.23
CIE LCh	59, 22.159, 304.659
Yxy	27.0539, 0.2894, 0.2715
Android (android.graphics.Color)	4287989934 (0xFF9588AE)
YUV	144.2190, 14.6820, 4.1929
Hunter-Lab	52.0134, 7.9452, -13.4571

Details

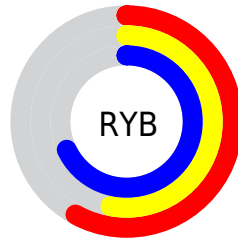
The XYZ color **28.8386, 27.0539, 43.7464** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.2789, 39.6275, 29.1360**, and the grayscale version is **26.5422, 27.9244, 30.4097**.

A 20% lighter version of the original color is **57.1091, 54.8049, 82.4313**, and **11.8776, 10.6574, 19.8434** is the 20% darker color. If you saturate the color by 10%, you get **24.5974, 21.5207, 42.9024**, and if you desaturate by 10%, it is **33.6847, 33.4908, 44.7339**.

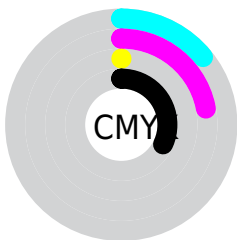
Distribution



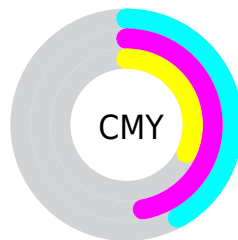
- Red (58%)
- Green (53%)
- Blue (68%)



- Red (58%)
- Yellow (53%)
- Blue (68%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (42%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8386, 27.0539, 43.7464 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 28.8386, 27.0539, 43.7464 by changing the saturation by 10% instead.

■ 28.8386, 27.0539,
43.7464

■ 28.8386, 27.0539,
43.7464

288.4606,
287.9180, 377.6834

■ 19.1024, 17.6137,
30.1355

■ 57.2199, 54.9703,
82.1344

■ 11.8488, 10.6730,
19.6885

■ 76.5957, 74.2154,
107.7485

■ 6.7122, 5.8474,
11.9870

■ 99.9155, 97.4975,
138.2008

■ 3.3275, 2.7525,
6.6124

127.5445,
125.2011, 173.9098

■ 1.3292, 1.0039,
3.1462

159.8482,
157.7105, 215.2940

■ 0.2049, 0.0000,
1.1697

197.1919,

■ 0.0000, 0.0000,

195.4102, 262.7720

0.0000

239.9409,
238.6846, 316.7623

■ 28.8386, 27.0539,
43.7464

■ 28.8386, 27.0539,
43.7464

■ 24.5974, 21.5207,
42.9024

■ 33.6847, 33.4908,
44.7339

■ 20.9334, 16.8466,
42.1933

■ 39.1566, 40.8667,
45.8692

■ 17.8205, 12.9879,
41.6125

■ 45.2775, 49.2192,
47.1587

■ 15.2296, 9.8958,
41.1522

■ 52.0683, 58.5826,
48.6081

■ 13.1285, 7.5160,
40.8037

■ 59.5492, 68.9897,
50.2226

■ 11.4809, 5.7870,
40.5568

■ 67.7396, 80.4717,
52.0072

■ 10.2447, 4.6359,
40.3997

■ 75.7567, 91.2565,
53.6663

■ 9.4749, 4.0019,
40.3179

■ 79.5339, 93.2037,
53.8431

■ 83.5565, 95.2774,
54.0313

Harmonies

Analogous

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



26.1456, 27.0539, 47.2684



28.8386, 27.0539, 43.7464



30.7932, 27.0539, 36.4233

Triad

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



28.8386, 27.0539, 43.7464



28.0434, 27.0539, 17.7843



20.7971, 27.0539, 30.7038

Complementary

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



28.8386, 27.0539, 43.7464



34.2789, 39.6275, 29.1360

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.



21.2264, 27.0539, 23.4411



28.8386, 27.0539, 43.7464



25.2870, 27.0539, 16.7982

Square

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



28.8386, 27.0539, 43.7464



30.3116, 27.0539, 21.6595



22.8235, 27.0539, 18.6771



21.6064, 27.0539, 38.9320

Rectangle

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



28.8386, 27.0539, 43.7464



31.3441, 27.0539, 30.8890



22.8235, 27.0539, 18.6771



20.8018, 27.0539, 28.0702

Sweetspot

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



28.8395, 27.0550, 43.7470



65.6345, 66.8383, 82.0786



30.5975, 33.8976, 44.9751



14.4611, 14.6846, 18.2166



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.8395, 27.0550, 43.7470



48.6210, 44.2352, 78.6125



32.5226, 28.9537, 43.9194



7.8276, 7.8854, 10.0622



6.9302, 2.9325, 29.2453



0.2524, 0.1123, 0.8164

Inverse Universe

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



32.6936, 29.1813, 37.6288



56.8886, 48.8005, 65.3018



30.7935, 37.8307, 28.9729



8.2189, 8.1008, 9.4634



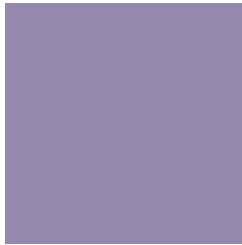
14.9120, 7.4273, 12.4479



0.4391, 0.2163, 0.4743

Previews

White Background



This preview shows how the XYZ color 28.8386, 27.0539, 43.7464 looks on a white background.

Color Contrast Check

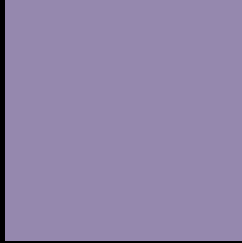
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8386, 27.0539, 43.7464 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 28.8386, 27.0539, 43.7464

Background



This preview shows how black text looks on a background with the XYZ color 28.8386, 27.0539, 43.7464.



This preview shows how white text looks on a background with the XYZ color 28.8386, 27.0539,

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

28.8386, 27.0539, 43.7464

Protanopia

27.1336, 27.2106, 45.4171

Deuteranopia

27.5907, 27.0578, 43.3037



Tritanopia

26.6411, 27.0103, 33.0875

Trichromacy



Original Color

28.8386, 27.0539, 43.7464

Protanomaly

27.7166, 27.0888, 44.8421

Deuteranomaly

27.9590, 27.0337, 43.2796

Tritanomaly

27.3447, 27.0794, 36.5865

Monochromacy



Original Color

28.8386, 27.0539, 43.7464

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.2953, 27.5273, 34.8850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8386, 27.0539, 43.7464 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(149, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(149, 136, 174)  
}
```

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(149, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 136, 174) }
```

Border

The CSS property to change the border of an element to XYZ 28.8386, 27.0539, 43.7464 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(149, 136, 174) }
```


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

```
.border{ border-color:rgb(149, 136, 174) }
```

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

Here you see how a box with a 4 pixel rgb(149, 136, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(149, 136,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8386, 27.0539, 43.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 136, 174) }
```

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

```
.background{ background-color: rgb(149,  
136, 174) }
```

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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