

Converting Colors

XYZ(28.4243, 26.4269, 42.6827)

Have a look what the booklet for
XYZ(28.4243, 26.4269, 42.6827)
contains.

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Color

**XYZ(28.3659, 26.4183,
42.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	9586AC
RGB	149, 134, 172
RGB Percent	58%, 53%, 67%
CMY	0.4157, 0.4745, 0.3255
CMYK	0.13, 0.22, 0.00, 0.33
HSL	264°, 19%, 60%
HSV	264°, 22%, 67%
XYZ	28.3659, 26.4183, 42.6339
YIQ	142.8170, -3.2580, 14.9980

Conversions

Conversions Part 2

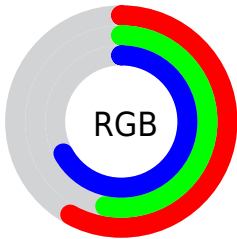
Format	Color
RYB	149, 134, 172
Decimal	9799340
CIELab	58.43, 13.31, -17.99
CIElCh	58, 22.374, 306.498
Yxy	26.4183, 0.2912, 0.2712
Android (android.graphics.Color)	4287989420 (0xFF9586AC)
YUV	142.8170, 14.3872, 5.4225
Hunter-Lab	51.3987, 8.5627, -13.2004

Details

The XYZ color **28.3659, 26.4183, 42.6339** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.9611, 38.3950, 28.2292**, and the grayscale version is **25.9816, 27.3346, 29.7674**.

A 20% lighter version of the original color is **56.2641, 53.7832, 80.0888**, and **11.5975, 10.2934, 19.1449** is the 20% darker color. If you saturate the color by 10%, you get **24.3641, 21.1091, 41.8205**, and if you desaturate by 10%, it is **32.9259, 32.5905, 43.5853**.

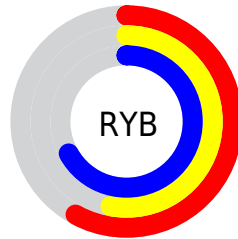
Distribution



Red (58%)

Green (53%)

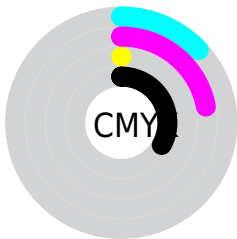
Blue (67%)



Red (58%)

Yellow (53%)

Blue (67%)

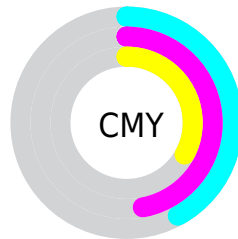


Cyan (13%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3659, 26.4183, 42.6339 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 28.3659, 26.4183, 42.6339 by changing the saturation by 10% instead.

■ 28.3659, 26.4183,
42.6339

■ 28.3659, 26.4183,
42.6339

286.2597,
284.8295, 372.9809

■ 18.7435, 17.1368,
29.2687

■ 56.4727, 53.9490,
80.4385

■ 11.5880, 10.3321,
19.0369

■ 75.6878, 72.9670,
105.7150

■ 6.5340, 5.6197,
11.5198

■ 98.8311, 95.9994,
135.7991

■ 3.2161, 2.6152,
6.2991

126.2681,
123.4304, 171.1092

■ 1.2691, 0.9343,
2.9561

158.3641,
155.6445, 212.0638

■ 0.1599, 0.0000,
1.0722

195.4845,

■ 0.0000, 0.0000,

193.0262, 259.0817

0.0000

237.9946,
235.9597, 312.5812

■ 28.3659, 26.4183,
42.6339

■ 28.3659, 26.4183,
42.6339

■ 24.3641, 21.1091,
41.8205

■ 32.9259, 32.5905,
43.5853

■ 20.8948, 16.6201,
41.1368

■ 38.0631, 39.6594,
44.6790

■ 17.9341, 12.9095,
40.5767

■ 43.7990, 47.6610,
45.9212

■ 15.4550, 9.9306,
40.1323

■ 50.1528, 56.6282,
47.3171

■ 13.4277, 7.6312,
39.7954

■ 57.1431, 66.5922,
48.8719

■ 11.8186, 5.9523,
39.5561

■ 64.7877, 77.5830,
50.5905

■ 10.5887, 4.8237,
39.4031

■ 73.1034, 89.6291,
52.4773

■ 9.8228, 4.2036,
39.3238

■ 76.5790, 91.7028,
52.6944

■ 80.0651, 93.4999,
52.8575

Harmonies

Analogous

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



25.7090, 26.4183, 46.4527



28.3659, 26.4183, 42.6339



30.2421, 26.4183, 35.1916

Triad

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



28.3659, 26.4183, 42.6339



27.2635, 26.4183, 17.0562



20.2435, 26.4183, 30.5015

Complementary

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



28.3659, 26.4183, 42.6339



32.9611, 38.3950, 28.2292

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.



20.5937, 26.4183, 23.1727



28.3659, 26.4183, 42.6339



24.5200, 26.4183, 16.2564

Square

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



28.3659, 26.4183, 42.6339



29.5741, 26.4183, 20.7121



22.1129, 26.4183, 18.2864



21.1191, 26.4183, 38.6740

Rectangle

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



28.3659, 26.4183, 42.6339



30.7268, 26.4183, 29.6939



22.1129, 26.4183, 18.2864



20.2228, 26.4183, 27.8558

Sweetspot

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



28.3667, 26.4194, 42.6345



64.2265, 65.2842, 80.0218



29.4092, 32.3086, 43.7163



13.8438, 14.0308, 17.3663



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.



28.3667, 26.4194, 42.6345



47.4226, 42.5440, 76.5181



32.0286, 28.3072, 42.8059



7.8668, 7.9056, 10.0640



7.3679, 3.1582, 29.2658



0.2675, 0.1201, 0.8171

Inverse Universe

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



31.6250, 28.2563, 35.6866



54.5885, 46.5878, 61.0564



29.6096, 36.6672, 28.0724



8.2011, 8.0937, 9.3700



14.5518, 7.2833, 10.5511



0.4307, 0.2130, 0.4300

Previews

White Background



This preview shows how the XYZ color 28.3659, 26.4183, 42.6339 looks on a white background.

Color Contrast Check

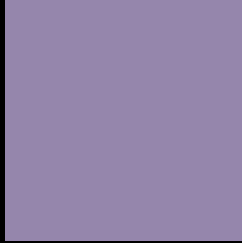
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3659, 26.4183, 42.6339 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 28.3659, 26.4183, 42.6339

Background



This preview shows how black text looks on a background with the XYZ color 28.3659, 26.4183, 42.6339.



This preview shows how white text looks on a background with the XYZ color 28.3659, 26.4183,

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

28.3659, 26.4183, 42.6339

Protanopia

26.5848, 26.5054, 44.7892

Deuteranopia

27.0866, 26.6062, 42.2360



Tritanopia

26.1903, 26.3666, 32.1427

Trichromacy



Original Color

28.3659, 26.4183, 42.6339

Protanomaly

27.1648, 26.3897, 44.2194

Deuteranomaly

27.6240, 26.6712, 42.2202

Tritanomaly

26.8855, 26.4366, 35.5840

Monochromacy



Original Color

28.3659, 26.4183, 42.6339

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8879, 27.1090, 34.3873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3659, 26.4183, 42.6339 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, 134, 172)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 172)  
}
```

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, 134, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.3659, 26.4183, 42.6339 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, 134, 172) }
```


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

```
.border{ border-color:rgb(149, 134, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 134, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 172);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3659, 26.4183, 42.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 172) }
```

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

```
.background{ background-color: rgb(149,  
134, 172) }
```

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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