

Converting Colors

XYZ(25.9158, 28.4127, 16.9509)

Have a look what the booklet for
XYZ(25.9158, 28.4127, 16.9509)
contains.

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Color

**XYZ(25.8639, 28.3093,
16.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	999267
RGB	153, 146, 103
RGB Percent	60%, 57%, 40%
CMY	0.4000, 0.4274, 0.5961
CMYK	0.00, 0.05, 0.33, 0.40
HSL	52°, 20%, 50%
HSV	52°, 33%, 60%
XYZ	25.8639, 28.3093, 16.9330
YIQ	143.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

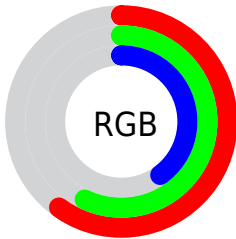
Format	Color
RYB	111, 153, 103
Decimal	10064487
CIELab	60.17, -4.30, 23.77
CIElCh	60, 24.156, 100.252
Yxy	28.3093, 0.3637, 0.3981
Android (android.graphics.Color)	4288254567 (0xFF999267)
YUV	143.1910, -19.8142, 8.6025
Hunter-Lab	53.2065, -6.3417, 18.3755

Details

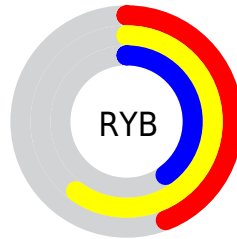
The XYZ color **25.8639, 28.3093, 16.9330** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9191, 16.3349, 32.3982**, and the grayscale version is **26.2570, 27.6244, 30.0829**.

A 20% lighter version of the original color is **52.4994, 57.0515, 38.8169**, and **10.2393, 11.4083, 5.2768** is the 20% darker color. If you saturate the color by 10%, you get **24.8385, 27.3770, 13.1429**, and if you desaturate by 10%, it is **27.0375, 29.3128, 21.4665**.

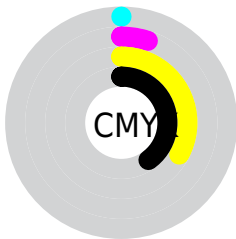
Distribution



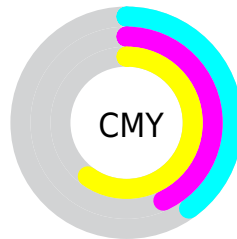
- Red (60%)
- Green (57%)
- Blue (40%)



- Red (44%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8639, 28.3093, 16.9330 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 25.8639, 28.3093, 16.9330 by changing the saturation by 10% instead.

■ 25.8639, 28.3093,
16.9330

■ 25.8639, 28.3093,
16.9330

274.3823,
293.9419, 246.8168

■ 16.8540, 18.5589,
10.0253

■ 52.4882, 56.9779,
38.9996

■ 10.2251, 11.3520,
5.3099

■ 70.8332, 76.6649,
54.9956

■ 5.6119, 6.3041,
2.3683

■ 93.0208, 100.4329,
74.8581

■ 2.6489, 3.0309,
0.7691

■ 119.4161,
128.6663, 99.0056

■ 0.9710, 1.1479,
0.0000

150.3845,
161.7495, 127.8567

■ 0.0000, 0.0185,
0.0000

186.2915,

■ 0.0000, 0.0000,

200.0670, 161.8299

0.0000

227.5023,
244.0030, 201.3438

■ 25.8639, 28.3093,
16.9330

■ 25.8639, 28.3093,
16.9330

■ 24.8385, 27.3770,
13.1429

■ 27.0375, 29.3128,
21.4665

■ 23.9514, 26.5089,
10.0541

■ 28.3642, 30.3864,
26.7790

■ 23.1949, 25.7028,
7.6228

■ 29.8514, 31.5343,
32.9059

■ 22.5596, 24.9549,
5.7996

■ 31.5054, 32.7589,
39.8800

■ 22.0348, 24.2608,
4.5284

■ 33.3321, 34.0627,
47.7321

■ 21.6077, 23.6155,
3.7421

■ 35.3370, 35.4479,
56.4918

■ 21.3328, 23.1642,
3.3468

■ 37.5255, 36.9168,
66.1868

■ 39.9028, 38.4714,
76.8442

■ 42.4737, 40.1138,
88.4895

Harmonies

Analogous

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



28.9642, 28.3093, 17.4266



25.8639, 28.3093, 16.9330



23.2491, 28.3093, 19.5794

Triad

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



25.8639, 28.3093, 16.9330



22.6241, 28.3093, 43.1726



32.8931, 28.3093, 36.9359

Complementary

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



25.8639, 28.3093, 16.9330



16.9191, 16.3349, 32.3982

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.



30.9301, 28.3093, 45.7135



25.8639, 28.3093, 16.9330



24.9498, 28.3093, 49.7645

Square

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



25.8639, 28.3093, 16.9330



21.4757, 28.3093, 33.9514



27.9781, 28.3093, 50.7743



33.1849, 28.3093, 27.8948

Rectangle

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



25.8639, 28.3093, 16.9330



22.0730, 28.3093, 23.1310



27.9781, 28.3093, 50.7743



32.4000, 28.3093, 40.0576

Sweetspot

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



25.8646, 28.3106, 16.9336



51.4307, 54.9161, 50.5423



20.8291, 17.6098, 17.1965



11.2835, 12.0689, 10.8626



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.8646, 28.3106, 16.9336



44.9911, 49.5030, 25.3789



23.9119, 28.9543, 17.1608



6.6352, 7.0755, 6.6218



17.6493, 19.1810, 2.7721



0.2816, 0.3222, 0.0474

Inverse Universe

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



16.9191, 16.3349, 32.3982



26.5047, 24.7599, 57.3542



18.4155, 16.0296, 32.2604



5.9508, 6.1589, 7.8041



4.9957, 2.3880, 25.1053



0.0904, 0.0671, 0.3806

Previews

White Background



This preview shows how the XYZ color 25.8639, 28.3093, 16.9330 looks on a white background.

Color Contrast Check

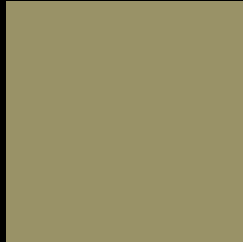
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8639, 28.3093, 16.9330 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 25.8639, 28.3093, 16.9330

Background



This preview shows how black text looks on a background with the XYZ color 25.8639, 28.3093, 16.9330.



This preview shows how white text looks on a background with the XYZ color 25.8639, 28.3093,

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

25.8639, 28.3093, 16.9330

Protanopia

26.2839, 28.2980, 16.9087

Deuteranopia

28.7446, 28.2354, 17.0317



Tritanopia

29.2621, 28.3615, 33.2102

Trichromacy



Original Color

25.8639, 28.3093, 16.9330

Protanomaly

26.0911, 28.1986, 16.8997

Deuteranomaly

27.6887, 28.3448, 17.1084

Tritanomaly

27.8807, 28.2353, 26.5347

Monochromacy



Original Color

25.8639, 28.3093, 16.9330

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9022, 27.7081, 24.4051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8639, 28.3093, 16.9330 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(153, 146, 103)` looks like.

```
.text, #text, p{  
    color:rgb(153, 146, 103)  
}
```

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(153, 146, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 146, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.8639, 28.3093, 16.9330 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(153, 146, 103) }
```


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

```
.border{ border-color:rgb(153, 146, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 146, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 146, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 146, 103);  
box-shadow:4px 4px 4px 4px rgb(153, 146,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8639, 28.3093, 16.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 146, 103) }
```

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

```
.background{ background-color: rgb(153,  
146, 103) }
```

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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