

Converting Colors

XYZ(25.8979, 26.7261, 29.3159)

Have a look what the booklet for
XYZ(25.8979, 26.7261, 29.3159)
contains.

XYZ(25.9376, 26.7289, 29.3833)	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(25.9376, 26.7289,
29.3833)**

Conversions

Conversions Part 1

Format	Color
Hex	918C8E
RGB	145, 140, 142
RGB Percent	57%, 55%, 56%
CMY	0.4314, 0.4510, 0.4431
CMYK	0.00, 0.03, 0.02, 0.43
HSL	336°, 2%, 56%
HSV	336°, 3%, 57%
XYZ	25.9376, 26.7289, 29.3833
YIQ	141.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

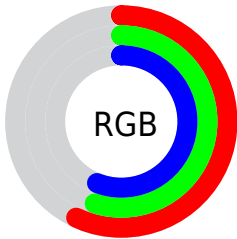
Format	Color
R_{YB}	145, 140, 142
Decimal	9538702
CIE Lab	58.72, 2.24, -0.41
CIE LCh	59, 2.273, 349.557
Yxy	26.7289, 0.3161, 0.3258
Android (android.graphics.Color)	4287728782 (0xFF918C8E)
YUV	141.7230, 0.1366, 2.8739
Hunter-Lab	51.7000, -0.9226, 2.4930

Details

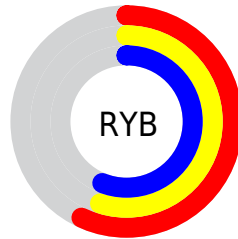
The XYZ color **25.9376, 26.7289, 29.3833** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8995, 27.8101, 29.9908**, and the grayscale version is **25.6012, 26.9344, 29.3316**.

A 20% lighter version of the original color is **52.8088, 54.7112, 60.0016**, and **10.3072, 10.5179, 11.6121** is the 20% darker color. If you saturate the color by 10%, you get **23.3289, 22.5165, 25.4144**, and if you desaturate by 10%, it is **28.8781, 31.5224, 33.7153**.

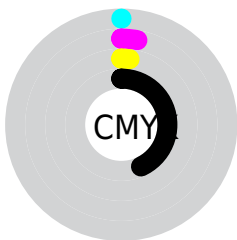
Distribution



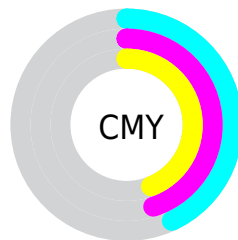
- Red (57%)
- Green (55%)
- Blue (56%)



- Red (57%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9376, 26.7289, 29.3833 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 25.9376, 26.7289, 29.3833 by changing the saturation by 10% instead.

■ 25.9376, 26.7289,
29.3833

■ 25.9376, 26.7289,
29.3833

274.7379,
286.3421, 313.1365

■ 16.9094, 17.3697,
19.1229

■ 52.6063, 54.4485,
59.7350

■ 10.2648, 10.4984,
11.5814

■ 70.9775, 73.5778,
80.6633

■ 5.6385, 5.7307,
6.3403

■ 93.1937, 96.7325,
105.9847

■ 2.6651, 2.6820,
2.9810

119.6203,
124.2971, 136.1177

■ 0.9792, 0.9681,
1.0849

150.6227,
156.6560, 171.4808

■ 0.0000, 0.0000,
0.0000

186.5662,

194.1935, 212.4927

227.8162,
237.2941, 259.5717

■ 25.9376, 26.7289,
29.3833

■ 25.9376, 26.7289,
29.3833

■ 23.3289, 22.5165,
25.4144

■ 28.8781, 31.5224,
33.7153

■ 21.0377, 18.8597,
21.7972

■ 32.1595, 36.9146,
38.4179

■ 19.0520, 15.7360,
18.5220

■ 35.7933, 42.9264,
43.5008

■ 17.3582, 13.1203,
15.5781

■ 39.7899, 49.5769,
48.9725

■ 15.9417, 10.9851,
12.9543

■ 44.1592, 56.8841,
54.8413

■ 14.7863, 9.3007,
10.6384

■ 48.9106, 64.8655,
61.1155

■ 13.8743, 8.0336,
8.6177

■ 54.0533, 73.5379,
67.8028

■ 13.1855, 7.1459,
6.8779

■ 59.2750, 82.2750,
74.8038

■ 12.6961, 6.5924,
5.4034

■ 60.4007, 82.7252,
80.7313

Harmonies

Analogous

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



25.8165, 26.7289, 30.1139



25.9376, 26.7289, 29.3833



25.9152, 26.7289, 28.5907

Triad

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



25.9376, 26.7289, 29.3833



25.2254, 26.7289, 27.6758



25.0577, 26.7289, 30.2913

Complementary

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



25.9376, 26.7289, 29.3833



25.8995, 27.8101, 29.9908

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.



24.9016, 26.7289, 29.6219



25.9376, 26.7289, 29.3833



24.9979, 26.7289, 28.1155

Square

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



25.9376, 26.7289, 29.3833



25.5026, 26.7289, 27.6146



24.8798, 26.7289, 28.8249



25.3077, 26.7289, 30.6444

Rectangle

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



25.9376, 26.7289, 29.3833



25.8219, 26.7289, 28.1333



24.8798, 26.7289, 28.8249



24.9926, 26.7289, 30.0952

Sweetspot

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



25.9384, 26.7301, 29.3839



47.6731, 49.8540, 54.4429



25.8175, 26.6414, 30.5700



10.6129, 11.1028, 12.1225



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.9384, 26.7301, 29.3839



46.1362, 47.3579, 52.1496



25.8629, 26.8170, 28.6254



5.7670, 5.9013, 6.5072



10.6821, 5.4299, 3.9774



0.1125, 0.0561, 0.0927

Inverse Universe

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



25.9384, 26.7301, 29.3839



46.1362, 47.3579, 52.1496



25.9760, 27.7188, 30.7696



5.7670, 5.9013, 6.5072



10.6821, 5.4299, 3.9774



0.1125, 0.0561, 0.0927

Previews

White Background



This preview shows how the XYZ color 25.9376, 26.7289, 29.3833 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 25.9376, 26.7289, 29.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

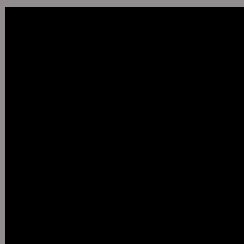
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9376, 26.7289, 29.3833

Background



This preview shows how black text looks on a background with the XYZ color 25.9376, 26.7289, 29.3833.



This preview shows how white text looks on a background with the XYZ color 25.9376, 26.7289,

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

25.9376, 26.7289, 29.3833

Protanopia

25.7351, 26.8424, 29.4159

Deuteranopia

27.2300, 26.7445, 29.7136



Tritanopia

26.5917, 26.7782, 32.6213

Trichromacy



Original Color

25.9376, 26.7289, 29.3833

Protanomaly

25.9090, 26.9320, 29.4240

Deuteranomaly

26.8089, 26.7394, 29.7348

Tritanomaly

26.3531, 26.6828, 31.3651

Monochromacy



Original Color

25.9376, 26.7289, 29.3833

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7351, 26.8424, 29.4159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9376, 26.7289, 29.3833 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(145, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(145, 140, 142)  
}
```

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(145, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 140, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.9376, 26.7289, 29.3833 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(145, 140, 142) }
```


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

```
.border{ border-color:rgb(145, 140, 142) }
```

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

Here you see how a box with a 4 pixel rgb(145, 140, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(145, 140,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9376, 26.7289, 29.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 140, 142) }
```

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

```
.background{ background-color: rgb(145,  
140, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor