

Converting Colors

XYZ(26.6023, 27.7858, 29.9420)

Have a look what the booklet for
XYZ(26.6023, 27.7858, 29.9420)
contains.

XYZ(26.6344, 27.7391, 29.9370)	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(26.6344, 27.7391,
29.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	928F8F
RGB	146, 143, 143
RGB Percent	57%, 56%, 56%
CMY	0.4274, 0.4392, 0.4392
CMYK	0.00, 0.02, 0.02, 0.43
HSL	0°, 1%, 57%
HSV	0°, 2%, 57%
XYZ	26.6344, 27.7391, 29.9370
YIQ	143.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

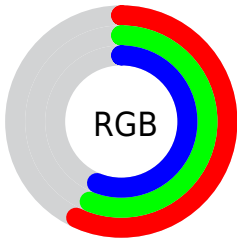
Format	Color
R_{YB}	146, 143, 143
Decimal	9605007
CIE Lab	59.65, 1.11, 0.38
CIE LCh	60, 1.171, 19.158
Yxy	27.7391, 0.3159, 0.3290
Android (android.graphics.Color)	4287795087 (0xFF928F8F)
YUV	143.8970, -0.4422, 1.8443
Hunter-Lab	52.6679, -1.9006, 3.1665

Details

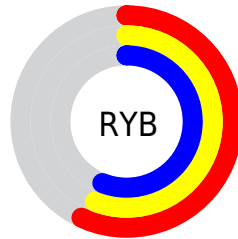
The XYZ color **26.6344, 27.7391, 29.9370** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7948, 28.4722, 31.2778**, and the grayscale version is **26.4697, 27.8481, 30.3266**.

A 20% lighter version of the original color is **53.8637, 56.2431, 60.8404**, and **10.7140, 11.1058, 11.9349** is the 20% darker color. If you saturate the color by 10%, you get **23.5506, 23.2275, 23.8028**, and if you desaturate by 10%, it is **30.1485, 32.8802, 36.9255**.

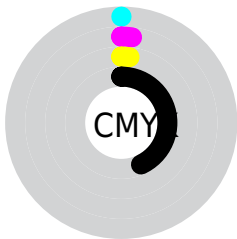
Distribution



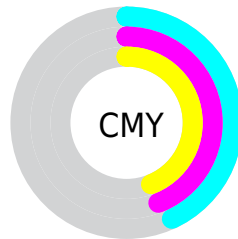
- Red (57%)
- Green (56%)
- Blue (56%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6344, 27.7391, 29.9370 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 26.6344, 27.7391, 29.9370 by changing the saturation by 10% instead.

■ 26.6344, 27.7391,
29.9370

■ 26.6344, 27.7391,
29.9370

278.0825,
291.2181, 315.8088

■ 17.4340, 18.1291,
19.5391

■ 53.7207, 56.0676,
60.6224

■ 10.6416, 11.0427,
11.8797

■ 72.3373, 75.5549,
81.7469

■ 5.8919, 6.0956,
6.5403

■ 94.8233, 99.1035,
107.2841

■ 2.8195, 2.9033,
3.1023

121.5441,
127.0976, 137.6526

■ 1.0590, 1.0814,
1.1471

152.8651,
159.9217, 173.2707

■ 0.0000, 0.0000,
0.0000

189.1516,

197.9603, 214.5571

230.7689,
241.5976, 261.9303

■ 26.6344, 27.7391,
29.9370

■ 26.6344, 27.7391,
29.9370

■ 23.5506, 23.2275,
23.8028

■ 30.1485, 32.8802,
36.9255

■ 20.8783, 19.3178,
18.4886

■ 34.1062, 38.6699,
44.7975

■ 18.6009, 15.9857,
13.9600

■ 38.5228, 45.1309,
53.5830

■ 16.6996, 13.2037,
10.1798

■ 43.4125, 52.2840,
63.3099

■ 15.1542, 10.9424,
7.1079

■ 48.7888, 60.1486,
74.0050

■ 13.9427, 9.1693,
4.7000

■ 54.6646, 68.7438,
85.6942

■ 13.0403, 7.8485,
2.9072

■ 61.0523, 78.0878,
98.4021

■ 12.4192, 6.9391,
1.6739

■ 65.6642, 84.8510,
107.5248

■ 12.0462, 6.3929,
0.9342

Harmonies

Analogous

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



26.6451, 27.7391, 30.3564



26.6344, 27.7391, 29.9370



26.5514, 27.7391, 29.5919

Triad

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



26.6344, 27.7391, 29.9370



26.1509, 27.7391, 29.6743



26.3118, 27.7391, 31.0092

Complementary

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



26.6344, 27.7391, 29.9370



26.7948, 28.4722, 31.2778

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.



26.1799, 27.7391, 30.8227



26.6344, 27.7391, 29.9370



26.0872, 27.7391, 30.0504

Square

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



26.6344, 27.7391, 29.9370



26.2721, 27.7391, 29.4413



26.0978, 27.7391, 30.4709



26.4585, 27.7391, 30.9781

Rectangle

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



26.6344, 27.7391, 29.9370



26.4664, 27.7391, 29.4493



26.0978, 27.7391, 30.4709



26.2643, 27.7391, 30.9698

Sweetspot

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



26.6352, 27.7403, 29.9376



47.5926, 49.8224, 54.0171



26.8651, 27.8316, 31.1504



10.5961, 11.0962, 12.0339



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.



26.6352, 27.7403, 29.9376



46.9953, 48.9486, 52.8291



26.8614, 28.1928, 30.0130



6.3533, 6.6240, 7.1555



10.4330, 5.3804, 0.4886



0.1278, 0.0660, 0.0060

Inverse Universe

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



26.7948, 28.4722, 31.2778



47.2749, 50.2310, 55.1774



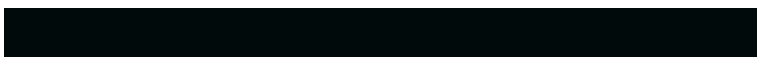
26.5655, 28.0136, 31.2014



6.3874, 6.7803, 7.4418



13.5933, 19.8813, 27.0521



0.1665, 0.2436, 0.3311

Previews

White Background



This preview shows how the XYZ color 26.6344, 27.7391, 29.9370 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 26.6344, 27.7391, 29.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

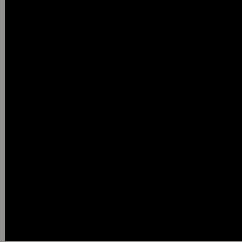
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

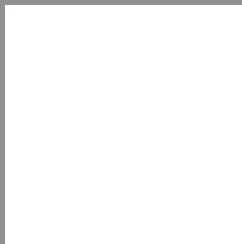
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6344, 27.7391, 29.9370

Background



This preview shows how black text looks on a background with the XYZ color 26.6344, 27.7391, 29.9370.



This preview shows how white text looks on a background with the XYZ color 26.6344, 27.7391,

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

26.6344, 27.7391, 29.9370

Protanopia

26.6344, 27.7391, 29.9370

Deuteranopia

28.1713, 27.6470, 30.2372



Tritanopia

27.4554, 27.8490, 34.0653

Trichromacy



Original Color

26.6344, 27.7391, 29.9370

Protanomaly

26.6344, 27.7391, 29.9370

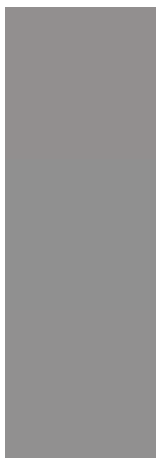
Deuteranomaly

27.5490, 27.5421, 30.2497

Tritanomaly

27.1304, 27.7190, 32.3541

Monochromacy



Original Color

26.6344, 27.7391, 29.9370

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6844, 27.9799, 30.3798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6344, 27.7391, 29.9370 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(146, 143, 143) looks like.

```
.text, #text, p{  
    color:rgb(146, 143, 143)  
}
```

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(146, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.6344, 27.7391, 29.9370 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(146, 143, 143) }
```


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

```
.border{ border-color:rgb(146, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6344, 27.7391, 29.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 143, 143) }
```

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

```
.background{ background-color: rgb(146,  
143, 143) }
```

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