

Converting Colors

XYZ(26.5266, 28.7123, 26.9849)

Have a look what the booklet for
XYZ(26.5266, 28.7123, 26.9849)
contains.

XYZ(26.4839, 28.6364, 27.0532)	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(26.4839, 28.6364,
27.0532)**

Conversions

Conversions Part 1

Format	Color
Hex	919387
RGB	145, 147, 135
RGB Percent	57%, 58%, 53%
CMY	0.4314, 0.4235, 0.4706
CMYK	0.01, 0.00, 0.08, 0.42
HSL	70°, 5%, 55%
HSV	70°, 8%, 58%
XYZ	26.4839, 28.6364, 27.0532
YIQ	145.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

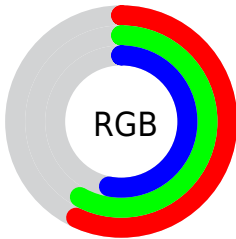
Format	Color
RYB	135, 147, 137
Decimal	9540487
CIELab	60.46, -2.99, 6.09
CIELCh	60, 6.788, 116.138
Yxy	28.6364, 0.3223, 0.3485
Android (android.graphics.Color)	4287730567 (0xFF919387)
YUV	145.0340, -4.9468, -0.0298
Hunter-Lab	53.5130, -5.3070, 7.4854

Details

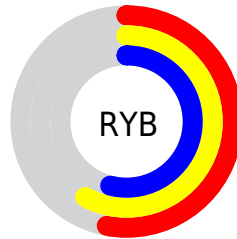
The XYZ color **26.4839, 28.6364, 27.0532** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2481, 24.7537, 31.1052**, and the grayscale version is **26.9468, 28.3501, 30.8733**.

A 20% lighter version of the original color is **53.5169, 57.5462, 55.8638**, and **10.6337, 11.6382, 10.2803** is the 20% darker color. If you saturate the color by 10%, you get **25.0922, 28.0313, 21.9532**, and if you desaturate by 10%, it is **28.0294, 29.3060, 32.9076**.

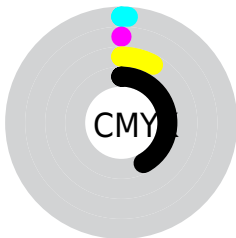
Distribution



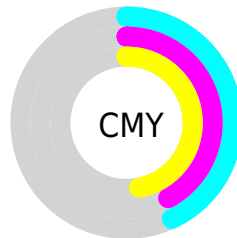
- Red (57%)
- Green (58%)
- Blue (53%)



- Red (53%)
- Yellow (58%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4839, 28.6364, 27.0532 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 26.4839, 28.6364, 27.0532 by changing the saturation by 10% instead.

■ 26.4839, 28.6364,
27.0532

■ 26.4839, 28.6364,
27.0532

277.3628,
295.4955, 301.6829

■ 17.3206, 18.8059,
17.3804

■ 53.4803, 57.4989,
55.9740

■ 10.5600, 11.5301,
10.3413

■ 72.0441, 77.2997,
76.0591

■ 5.8369, 6.4246,
5.5172

■ 94.4722, 101.1928,
100.4520

■ 2.7859, 3.1049,
2.4898

121.1298,
129.5625, 129.5713

■ 1.0416, 1.1868,
0.8348

152.3823,
162.7932, 163.8355

■ 0.0000, 0.0509,
0.0000

188.5950,

■ 0.0000, 0.0000,

201.2693, 203.6631

0.0000

230.1334,
245.3753, 249.4727

■ 26.4839, 28.6364,
27.0532

■ 26.4839, 28.6364,
27.0532

■ 25.0922, 28.0313,
21.9532

■ 28.0294, 29.3060,
32.9076

■ 23.8461, 27.4845,
17.5752

■ 29.7320, 30.0386,
39.5435

■ 22.7402, 26.9949,
13.8869

■ 31.5977, 30.8376,
46.9889

■ 21.7676, 26.5596,
10.8532

■ 33.6315, 31.7048,
55.2698

■ 20.9211, 26.1758,
8.4355

■ 35.8381, 32.6424,
64.4112

■ 20.1925, 25.8403,
6.5915

■ 38.2222, 33.6520,
74.4368

■ 19.5726, 25.5492,
5.2735

■ 40.7882, 34.7354,
85.3696

■ 19.0509, 25.2985,
4.4258

■ 43.5403, 35.8945,
97.2316

■ 18.6062, 25.0796,
3.9377

■ 44.4374, 36.3127,
99.2747

Harmonies

Analogous

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



27.3315, 28.6364, 26.6175



26.4839, 28.6364, 27.0532



25.8453, 28.6364, 28.5728

Triad

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



26.4839, 28.6364, 27.0532



26.2917, 28.6364, 35.3529



28.9306, 28.6364, 31.5057

Complementary

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



26.4839, 28.6364, 27.0532



24.2481, 24.7537, 31.1052

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.



28.6385, 28.6364, 33.9415



26.4839, 28.6364, 27.0532



27.1049, 28.6364, 36.2366

Square

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



26.4839, 28.6364, 27.0532



25.7361, 28.6364, 33.3504



27.9656, 28.6364, 35.7069



28.7559, 28.6364, 29.1062

Rectangle

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



26.4839, 28.6364, 27.0532



25.6177, 28.6364, 30.0404



27.9656, 28.6364, 35.7069



28.8836, 28.6364, 32.3484

Sweetspot

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



26.4847, 28.6376, 27.0538



49.0889, 52.0029, 54.7029



25.3524, 25.8444, 26.5744



11.2141, 11.8746, 12.5184



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.4847, 28.6376, 27.0538



46.8972, 51.0529, 46.4751



25.4553, 28.1070, 27.0056



6.1714, 6.6962, 6.2077



16.0790, 21.7169, 3.3443



0.2171, 0.2763, 0.0419

Inverse Universe

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



24.2481, 24.7537, 31.1052



41.9582, 42.4759, 55.4218



25.2590, 25.2748, 31.1525



5.5844, 5.6767, 7.2711



4.9186, 2.0082, 24.0594



0.0772, 0.0333, 0.2953

Previews

White Background



This preview shows how the XYZ color 26.4839, 28.6364, 27.0532 looks on a white background.

Color Contrast Check

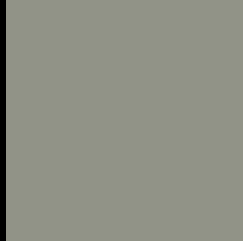
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4839, 28.6364, 27.0532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

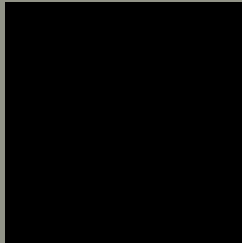
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

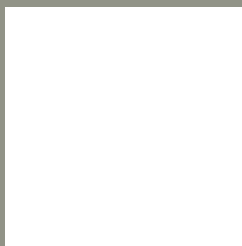
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4839, 28.6364, 27.0532

Background



This preview shows how black text looks on a background with the XYZ color 26.4839, 28.6364, 27.0532.



This preview shows how white text looks on a background with the XYZ color 26.4839, 28.6364,

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

26.4839, 28.6364, 27.0532

Protanopia

27.1910, 28.5513, 26.6321

Deuteranopia

29.0731, 28.6139, 27.2833



Tritanopia

28.1024, 28.6090, 35.0513

Trichromacy



Original Color

26.4839, 28.6364, 27.0532

Protanomaly

26.9764, 28.6686, 26.6660

Deuteranomaly

27.9767, 28.4904, 27.3172

Tritanomaly

27.5033, 28.5920, 32.0862

Monochromacy



Original Color

26.4839, 28.6364, 27.0532

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7637, 28.5006, 29.2899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4839, 28.6364, 27.0532 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, 147, 135) looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 135)  
}
```

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, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.4839, 28.6364, 27.0532 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, 147, 135) }
```


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

```
.border{ border-color:rgb(145, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4839, 28.6364, 27.0532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 135) }
```

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

```
.background{ background-color: rgb(145,  
147, 135) }
```

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