

Converting Colors

XYZ(27.3619, 26.1702, 28.7303)

Have a look what the booklet for
XYZ(27.3619, 26.1702, 28.7303)
contains.

XYZ(27.4334, 26.2424, 28.8187)	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(27.4334, 26.2424,
28.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	9E868D
RGB	158, 134, 141
RGB Percent	62%, 53%, 55%
CMY	0.3804, 0.4745, 0.4471
CMYK	0.00, 0.15, 0.11, 0.38
HSL	343°, 11%, 57%
HSV	343°, 15%, 62%
XYZ	27.4334, 26.2424, 28.8187
YIQ	141.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

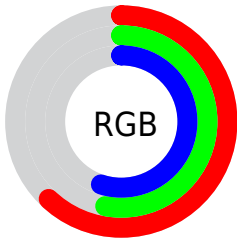
Format	Color
R_{YB}	158, 134, 141
Decimal	10389133
CIE _{Lab}	58.27, 10.32, -0.37
CIE _{LCh}	58, 10.326, 357.973
Yxy	26.2424, 0.3325, 0.3181
Android (android.graphics.Color)	4288579213 (0xFF9E868D)
YUV	141.9740, -0.4802, 14.0548
Hunter-Lab	51.2273, 5.9430, 2.5047

Details

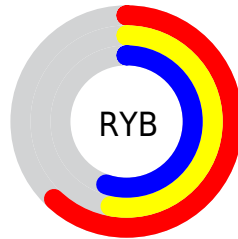
The XYZ color **27.4334, 26.2424, 28.8187** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6454, 31.7572, 33.9524**, and the grayscale version is **25.7000, 27.0384, 29.4448**.

A 20% lighter version of the original color is **55.0612, 53.6269, 59.0787**, and **11.0025, 10.1601, 11.2787** is the 20% darker color. If you saturate the color by 10%, you get **24.6196, 21.8807, 23.9773**, and if you desaturate by 10%, it is **30.6592, 31.2927, 34.2133**.

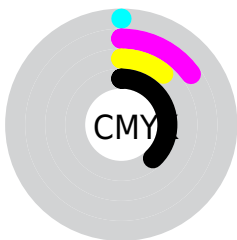
Distribution



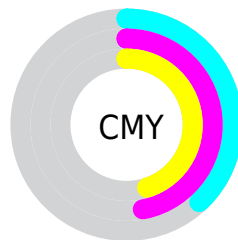
- Red (62%)
- Green (53%)
- Blue (55%)



- Red (62%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4334, 26.2424, 28.8187 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 27.4334, 26.2424, 28.8187 by changing the saturation by 10% instead.

■ 27.4334, 26.2424,
28.8187

■ 27.4334, 26.2424,
28.8187

281.8789,
283.9700, 310.3927

■ 18.0373, 17.0051,
18.6993

■ 54.9935, 53.6657,
58.8277

■ 11.0766, 10.2381,
11.2786

■ 73.8883, 72.6205,
79.5543

■ 6.1860, 5.5571,
6.1380

■ 96.6799, 95.5833,
104.6538

■ 3.0003, 2.5777,
2.8590

123.7338,
122.9384, 134.5447

■ 1.1539, 0.9155,
1.0231

155.4152,
155.0702, 169.6454

■ 0.0695, 0.0000,
0.0000

192.0897,

■ 0.0000, 0.0000,

192.3631, 210.3747

0.0000

234.1225,
235.2016, 257.1509

■ 27.4334, 26.2424,
28.8187

■ 27.4334, 26.2424,
28.8187

■ 24.6196, 21.8807,
23.9773

■ 30.6592, 31.2927,
34.2133

■ 22.1985, 18.1741,
19.6697

■ 34.3107, 37.0561,
40.1766

■ 20.1530, 15.0920,
15.8774

■ 38.4036, 43.5602,
46.7254

■ 18.4634, 12.5995,
12.5804

■ 42.9522, 50.8300,
53.8754

■ 17.1082, 10.6583,
9.7573

■ 47.9702, 58.8895,
61.6416

■ 16.0637, 9.2259,
7.3849

■ 53.4707, 67.7615,
70.0384

■ 15.3026, 8.2531,
5.4379

■ 59.4662, 77.4680,
79.0799

■ 14.7909, 7.6773,
3.8873

■ 64.2204, 84.5331,
88.1969

■ 14.5952, 7.4670,
3.2641

■ 65.8485, 85.1843,
96.7703

Harmonies

Analogous

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



27.0454, 26.2424, 32.3984



27.4334, 26.2424, 28.8187



27.1356, 26.2424, 25.4522

Triad

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



27.4334, 26.2424, 28.8187



23.8275, 26.2424, 22.8930



23.6844, 26.2424, 34.8439

Complementary

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



27.4334, 26.2424, 28.8187



27.6454, 31.7572, 33.9524

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.



22.8711, 26.2424, 31.9401



27.4334, 26.2424, 28.8187



22.9517, 26.2424, 25.0622

Square

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



27.4334, 26.2424, 28.8187



25.0281, 26.2424, 22.2070



22.6073, 26.2424, 28.3297



24.8573, 26.2424, 36.0536

Rectangle

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



27.4334, 26.2424, 28.8187



26.5937, 26.2424, 23.7400



22.6073, 26.2424, 28.3297



23.3613, 26.2424, 34.0222

Sweetspot

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



27.4341, 26.2436, 28.8193



55.7327, 56.9154, 62.2236



27.4230, 26.0803, 35.9368



12.4720, 12.6855, 13.8747



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.4341, 26.2436, 28.8193



48.1235, 45.0188, 49.4463



27.6082, 27.3988, 26.3891



6.7087, 6.6764, 7.3169



11.7046, 5.9864, 2.6953



0.2264, 0.1139, 0.1382

Inverse Universe

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



27.4341, 26.2436, 28.8193



48.1235, 45.0188, 49.4463



27.4280, 30.3858, 36.7676



6.7087, 6.6764, 7.3169



11.7046, 5.9864, 2.6953



0.2264, 0.1139, 0.1382

Previews

White Background



This preview shows how the XYZ color 27.4334, 26.2424, 28.8187 looks on a white background.

Color Contrast Check

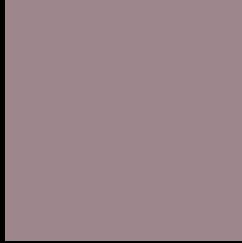
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4334, 26.2424, 28.8187 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 27.4334, 26.2424, 28.8187

Background



This preview shows how black text looks on a background with the XYZ color 27.4334, 26.2424, 28.8187.



This preview shows how white text looks on a background with the XYZ color 27.4334, 26.2424,

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

27.4334, 26.2424, 28.8187

Protanopia

25.4220, 26.2296, 30.1085

Deuteranopia

26.7487, 26.3037, 28.8666



Tritanopia

27.6597, 26.3329, 30.0105

Trichromacy



Original Color

27.4334, 26.2424, 28.8187

Protanomaly

26.1163, 26.1704, 29.6615

Deuteranomaly

26.9893, 26.2196, 28.8377

Tritanomaly

27.5836, 26.3025, 29.6097

Monochromacy



Original Color

27.4334, 26.2424, 28.8187

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3278, 26.7141, 29.3599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4334, 26.2424, 28.8187 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(158, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 134, 141)  
}
```

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(158, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.4334, 26.2424, 28.8187 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(158, 134, 141) }
```


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

```
.border{ border-color:rgb(158, 134, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 134, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4334, 26.2424, 28.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 141) }
```

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

```
.background{ background-color: rgb(158,  
134, 141) }
```

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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