

Converting Colors

XYZ(27.0010, 27.2294, 24.0829)

Have a look what the booklet for
XYZ(27.0010, 27.2294, 24.0829)
contains.

XYZ(27.0335, 27.1918, 24.2458)	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(27.0335, 27.1918,
24.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8B80
RGB	157, 139, 128
RGB Percent	62%, 55%, 50%
CMY	0.3843, 0.4549, 0.4980
CMYK	0.00, 0.11, 0.18, 0.38
HSL	23°, 13%, 56%
HSV	23°, 18%, 62%
XYZ	27.0335, 27.1918, 24.2458
YIQ	143.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

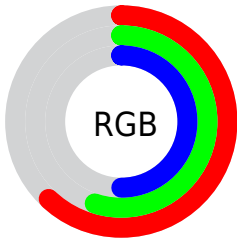
Format	Color
R_{YB}	157, 146, 128
Decimal	10324864
CIE _{Lab}	59.15, 4.89, 8.35
CIE _{LCh}	59, 9.675, 59.632
Yxy	27.1918, 0.3445, 0.3465
Android (android.graphics.Color)	4288514944 (0xFF9D8B80)
YUV	143.1280, -7.4581, 12.1657
Hunter-Lab	52.1458, 1.2832, 8.9344

Details

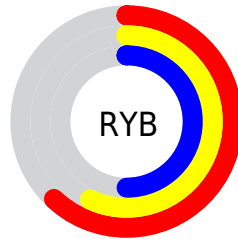
The XYZ color **27.0335, 27.1918, 24.2458** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2666, 27.5807, 35.8904**, and the grayscale version is **26.1850, 27.5486, 30.0004**.

A 20% lighter version of the original color is **54.3415, 55.0325, 51.4743**, and **10.8094, 10.7125, 8.8951** is the 20% darker color. If you saturate the color by 10%, you get **24.7308, 24.1140, 18.7683**, and if you desaturate by 10%, it is **29.6234, 30.5876, 30.6086**.

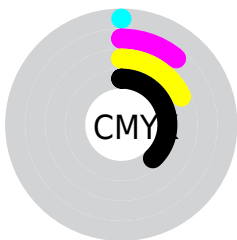
Distribution



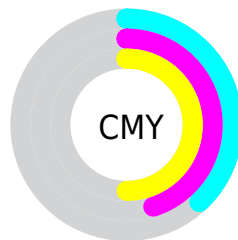
- Red (62%)
- Green (55%)
- Blue (50%)



- Red (62%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0335, 27.1918, 24.2458 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 27.0335, 27.1918, 24.2458 by changing the saturation by 10% instead.

■ 27.0335, 27.1918,
24.2458

■ 27.0335, 27.1918,
24.2458

279.9839,
288.5846, 287.3873

■ 17.7351, 17.7173,
15.3022

■ 54.3571, 55.1915,
51.3799

■ 10.8585, 10.7472,
8.8828

■ 73.1131, 74.4855,
70.4074

■ 6.0384, 5.8971,
4.5690

■ 95.7522, 97.8215,
93.6333

■ 2.9093, 2.7826,
1.9424

122.6400,
125.5838, 121.4761

■ 1.1060, 1.0193,
0.5195

154.1417,
158.1569, 154.3543

■ 0.0301, 0.0000,
0.0000

190.6226,

■ 0.0000, 0.0000,

195.9251, 192.6866

0.0000

232.4483,
239.2729, 236.8914

■ 27.0335, 27.1918,
24.2458

■ 27.0335, 27.1918,
24.2458

■ 24.7308, 24.1140,
18.7683

■ 29.6234, 30.5876,
30.6086

■ 22.7024, 21.3409,
14.1346

■ 32.5083, 34.3066,
37.8922

■ 20.9378, 18.8639,
10.3027

■ 35.6983, 38.3589,
46.1321

■ 19.4248, 16.6724,
7.2259

■ 39.2026, 42.7526,
55.3615

■ 18.1502, 14.7551,
4.8529

■ 43.0298, 47.4957,
65.6120

■ 17.0993, 13.0998,
3.1256

■ 47.1882, 52.5961,
76.9138

■ 16.2553, 11.6933,
1.9769

■ 51.6858, 58.0612,
89.2958

■ 15.5897, 10.5171,
1.2773

■ 56.5303, 63.8983,
102.7858

■ 15.4980, 10.3548,
1.1818

■ 59.3399, 69.1586,
104.8291

Harmonies

Analogous

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



27.9106, 27.1918, 26.4477



27.0335, 27.1918, 24.2458



25.8599, 27.1918, 23.4581

Triad

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



27.0335, 27.1918, 24.2458



23.5978, 27.1918, 29.5646



27.0069, 27.1918, 35.7543

Complementary

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



27.0335, 27.1918, 24.2458



25.2666, 27.5807, 35.8904

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.



25.8301, 27.1918, 36.7468



27.0335, 27.1918, 24.2458



23.8839, 27.1918, 33.0089

Square

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



27.0335, 27.1918, 24.2458



23.8980, 27.1918, 26.3793



24.6918, 27.1918, 35.7060



27.8949, 27.1918, 33.0883

Rectangle

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



27.0335, 27.1918, 24.2458



25.0747, 27.1918, 23.7896



24.6918, 27.1918, 35.7060



26.6309, 27.1918, 36.3035

Sweetspot

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



27.0342, 27.1930, 24.2464



54.2209, 56.2949, 57.7381



26.8410, 24.6935, 30.6958



11.8661, 12.3034, 12.5425



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.0342, 27.1930, 24.2464



46.7246, 46.4535, 39.3593



29.2142, 31.5530, 24.9730



6.8290, 7.0380, 6.9842



12.6207, 8.4769, 0.9710



0.2649, 0.2301, 0.0305

Inverse Universe

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



25.2666, 27.5807, 35.8904



42.9854, 47.2716, 63.9855



23.2214, 23.4903, 35.2087



6.6102, 7.0862, 8.4261



8.4836, 9.0588, 27.2086



0.1914, 0.2415, 0.4997

Previews

White Background



This preview shows how the XYZ color 27.0335, 27.1918, 24.2458 looks on a white background.

Color Contrast Check

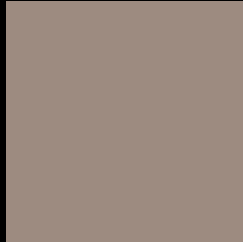
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0335, 27.1918, 24.2458 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 27.0335, 27.1918, 24.2458

Background



This preview shows how black text looks on a background with the XYZ color 27.0335, 27.1918, 24.2458.



This preview shows how white text looks on a background with the XYZ color 27.0335, 27.1918,

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

27.0335, 27.1918, 24.2458

Protanopia

25.9150, 27.2536, 25.0137

Deuteranopia

27.5399, 27.0269, 24.1873



Tritanopia

28.3687, 27.0858, 31.3367

Trichromacy



Original Color

27.0335, 27.1918, 24.2458

Protanomaly

26.2498, 27.2140, 24.6382

Deuteranomaly

27.4820, 27.2091, 24.2255

Tritanomaly

27.7798, 27.0539, 28.5687

Monochromacy



Original Color

27.0335, 27.1918, 24.2458

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4732, 27.4769, 27.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0335, 27.1918, 24.2458 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(157, 139, 128)` looks like.

```
.text, #text, p{  
    color:rgb(157, 139, 128)  
}
```

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(157, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 139, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.0335, 27.1918, 24.2458 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(157, 139, 128) }
```


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

```
.border{ border-color:rgb(157, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(157, 139,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0335, 27.1918, 24.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 139, 128) }
```

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

```
.background{ background-color: rgb(157,  
139, 128) }
```

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