

Converting Colors

XYZ(28.2056, 31.8877, 29.8719)

Have a look what the booklet for
XYZ(28.2056, 31.8877, 29.8719)
contains.

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Color

**XYZ(28.1924, 31.8767,
29.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9D8D
RGB	143, 157, 141
RGB Percent	56%, 62%, 55%
CMY	0.4392, 0.3843, 0.4471
CMYK	0.09, 0.00, 0.10, 0.38
HSL	113°, 8%, 58%
HSV	113°, 10%, 62%
XYZ	28.1924, 31.8767, 29.8662
YIQ	150.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

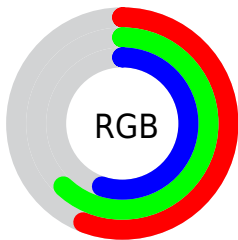
Format	Color
RYB	141, 157, 155
Decimal	9411981
CIELab	63.24, -8.10, 6.67
CIELCh	63, 10.497, 140.521
Yxy	31.8767, 0.3135, 0.3544
Android (android.graphics.Color)	4287602061 (0xFF8F9D8D)
YUV	150.9900, -4.9251, -7.0072
Hunter-Lab	56.4595, -9.6721, 8.1581

Details

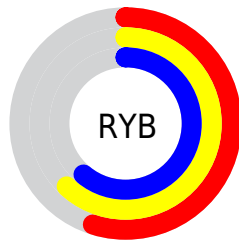
The XYZ color **28.1924, 31.8767, 29.8662** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1295, 28.4535, 35.8568**, and the grayscale version is **29.4333, 30.9661, 33.7221**.

A 20% lighter version of the original color is **56.4198, 62.8974, 60.7965**, and **11.5566, 13.3906, 11.8731** is the 20% darker color. If you saturate the color by 10%, you get **24.8717, 30.2913, 24.0389**, and if you desaturate by 10%, it is **31.9718, 33.6813, 36.5809**.

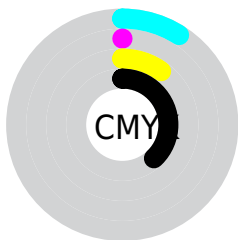
Distribution



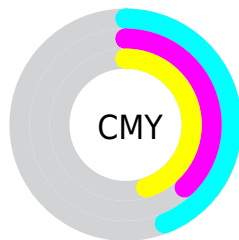
- Red (56%)
- Green (62%)
- Blue (55%)



- Red (55%)
- Yellow (62%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1924, 31.8767, 29.8662 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 28.1924, 31.8767, 29.8662 by changing the saturation by 10% instead.

■ 28.1924, 31.8767,
29.8662

■ 28.1924, 31.8767,
29.8662

285.4486,
310.5572, 315.4682

■ 18.6119, 21.2673,
19.4859

■ 56.1980, 62.6177,
60.5090

■ 11.4926, 13.3196,
11.8415

■ 75.3538, 83.5182,
81.6086

■ 6.4689, 7.6490,
6.5146

■ 98.4321, 108.6178,
107.1183

■ 3.1756, 3.8712,
3.0867

125.7983,
138.3010, 137.4567

■ 1.2473, 1.6018,
1.1390

157.8176,
172.9522, 173.0424

■ 0.1432, 0.3588,
0.0000

194.8556,

■ 0.0000, 0.0000,

212.9556, 214.2938

0.0000

237.2774,
258.6959, 261.6295

■ 28.1924, 31.8767,
29.8662

■ 28.1924, 31.8767,
29.8662

■ 24.8717, 30.2913,
24.0389

■ 31.9718, 33.6813,
36.5809

■ 21.9897, 28.9128,
19.0598

■ 36.2237, 35.7086,
44.2157

■ 19.5288, 27.7339,
14.8901

■ 40.9647, 37.9675,
52.8042

■ 17.4689, 26.7452,
11.4869

■ 46.2097, 40.4649,
62.3777

■ 15.7888, 25.9367,
8.8037

■ 51.9730, 43.2076,
72.9662

■ 14.4648, 25.2974,
6.7886

■ 58.2683, 46.2021,
84.5983

■ 13.4708, 24.8150,
5.3829

■ 65.1088, 49.4544,
97.3013

■ 12.7769, 24.4757,
4.5178

■ 70.5820, 52.2005,
100.9634

■ 12.3384, 24.2600,
4.0323

■ 71.3476, 52.5952,
100.9992

Harmonies

Analogous

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



29.3291, 31.8767, 27.7419



28.1924, 31.8767, 29.8662



27.6252, 31.8767, 33.4074

Triad

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



28.1924, 31.8767, 29.8662



29.8401, 31.8767, 43.2126



32.9901, 31.8767, 31.9786

Complementary

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



28.1924, 31.8767, 29.8662



29.1295, 28.4535, 35.8568

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.



33.1376, 31.8767, 36.0425



28.1924, 31.8767, 29.8662



31.2877, 31.8767, 42.7531

Square

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



28.1924, 31.8767, 29.8662



28.5563, 31.8767, 41.2569



32.5056, 31.8767, 40.0474



32.1089, 31.8767, 28.8921

Rectangle

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



28.1924, 31.8767, 29.8662



27.6335, 31.8767, 36.1898



32.5056, 31.8767, 40.0474



33.1282, 31.8767, 33.2678

Sweetspot

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



28.1933, 31.8781, 29.8669



55.2311, 59.3510, 61.8984



30.4129, 32.4911, 29.8682



12.0357, 13.0037, 13.4111



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.



28.1933, 31.8781, 29.8669



49.2107, 56.4772, 51.2316



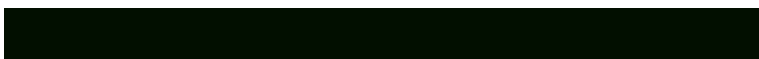
28.2985, 31.8805, 32.2119



6.6240, 7.4388, 7.0724



10.0390, 19.7120, 3.2757



0.1990, 0.3625, 0.0595

Inverse Universe

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



29.1295, 28.4535, 35.8568



51.1951, 49.2180, 63.9285



29.0274, 28.4574, 33.2991



6.8226, 6.7125, 8.3427



13.3936, 6.3337, 26.4238



0.2601, 0.1239, 0.4734

Previews

White Background



This preview shows how the XYZ color 28.1924, 31.8767, 29.8662 looks on a white background.

Color Contrast Check

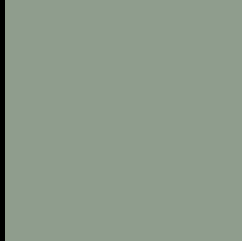
Large Text (above 18pt) WCAG AA × Fail

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 28.1924, 31.8767, 29.8662 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 ✓ Pass

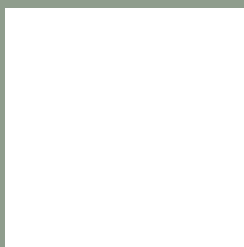
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1924, 31.8767, 29.8662

Background



This preview shows how black text looks on a background with the XYZ color 28.1924, 31.8767, 29.8662.



This preview shows how white text looks on a background with the XYZ color 28.1924, 31.8767,

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

28.1924, 31.8767, 29.8662

Protanopia

30.1865, 31.6915, 28.9522

Deuteranopia

32.3424, 31.8209, 30.4240



Tritanopia

30.3068, 31.7387, 40.6052

Trichromacy



Original Color

28.1924, 31.8767, 29.8662

Protanomaly

29.4261, 31.7770, 29.3936

Deuteranomaly

30.6470, 31.6633, 30.0875

Tritanomaly

29.4955, 31.6565, 36.4540

Monochromacy



Original Color

28.1924, 31.8767, 29.8662

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8704, 31.1849, 32.1014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1924, 31.8767, 29.8662 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(143, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 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(143, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.1924, 31.8767, 29.8662 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(143, 157, 141) }
```


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

```
.border{ border-color:rgb(143, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1924, 31.8767, 29.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 141) }
```

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

```
.background{ background-color: rgb(143,  
157, 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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