

Converting Colors

XYZ(24.7019, 27.3815, 21.4373)

Have a look what the booklet for
XYZ(24.7019, 27.3815, 21.4373)
contains.

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Color

**XYZ(24.7829, 27.4223,
21.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9177
RGB	143, 145, 119
RGB Percent	56%, 57%, 47%
CMY	0.4392, 0.4314, 0.5333
CMYK	0.01, 0.00, 0.18, 0.43
HSL	65°, 11%, 52%
HSV	65°, 18%, 57%
XYZ	24.7829, 27.4223, 21.4396
YIQ	141.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

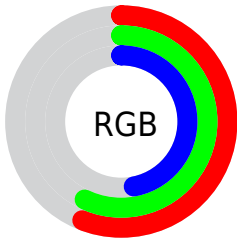
Format	Color
R_{YB}	119, 145, 121
Decimal	9408887
CIE _{Lab}	59.36, -5.41, 13.58
CIE _{LCh}	59, 14.621, 111.726
Yxy	27.4223, 0.3365, 0.3724
Android (android.graphics.Color)	4287598967 (0xFF8F9177)
YUV	141.4380, -11.0619, 1.3699
Hunter-Lab	52.3663, -7.1641, 12.3821

Details

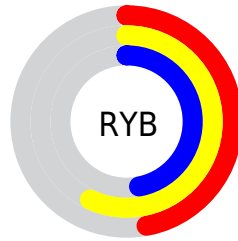
The XYZ color **24.7829, 27.4223, 21.4396** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5938, 19.3036, 29.4827**, and the grayscale version is **25.5302, 26.8598, 29.2503**.

A 20% lighter version of the original color is **50.8001, 55.6574, 46.5936**, and **9.6432, 10.9147, 7.5597** is the 20% darker color. If you saturate the color by 10%, you get **23.7856, 27.0021, 17.1888**, and if you desaturate by 10%, it is **25.9165, 27.8991, 26.3915**.

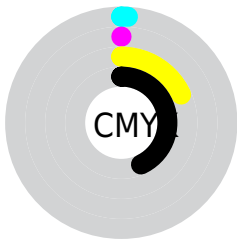
Distribution



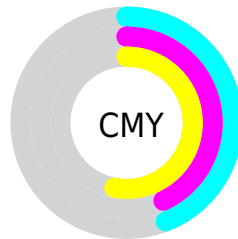
- Red (56%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7829, 27.4223, 21.4396 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 24.7829, 27.4223, 21.4396 by changing the saturation by 10% instead.

■ 24.7829, 27.4223,
21.4396

■ 24.7829, 27.4223,
21.4396

269.1227,
289.6960, 272.4630

■ 16.0432, 17.8906,
13.2513

■ 50.7502, 55.5608,
46.7083

■ 9.6458, 10.8715,
7.4691

■ 68.7086, 74.9364,
64.6258

■ 5.2252, 5.9805,
3.6743

■ 90.4707, 98.3621,
86.6234

■ 2.4161, 2.8332,
1.4484

116.4017,
126.2223, 113.1197

■ 0.8531, 1.0453,
0.1791

146.8670,
158.9014, 144.5333

■ 0.0000, 0.0000,
0.0000

182.2321,

196.7838, 181.2827

222.8622,
240.2539, 223.7864

■ 24.7829, 27.4223,
21.4396

■ 24.7829, 27.4223,
21.4396

■ 23.7856, 27.0021,
17.1888

■ 25.9165, 27.8991,
26.3915

■ 22.9164, 26.6324,
13.6057

■ 27.1898, 28.4311,
32.0725

■ 22.1696, 26.3119,
10.6570

■ 28.6088, 29.0216,
38.5109

■ 21.5380, 26.0377,
8.3055

■ 30.1787, 29.6727,
45.7332

■ 21.0141, 25.8068,
6.5103

■ 31.9041, 30.3862,
53.7645

■ 20.5889, 25.6156,
5.2256

■ 33.7897, 31.1640,
62.6290

■ 20.2523, 25.4601,
4.3979

■ 35.8397, 32.0078,
72.3496

■ 19.9846, 25.3323,
3.9224

■ 38.0586, 32.9193,
82.9485

■ 19.9314, 25.3067,
3.8342

■ 40.4502, 33.9002,
94.4470

Harmonies

Analogous

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



26.5738, 27.4223, 20.9533



24.7829, 27.4223, 21.4396



23.3976, 27.4223, 24.0399

Triad

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



24.7829, 27.4223, 21.4396



23.9443, 27.4223, 38.4906



29.7042, 27.4223, 31.3323

Complementary

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



24.7829, 27.4223, 21.4396



19.5938, 19.3036, 29.4827

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.



28.9258, 27.4223, 36.5468



24.7829, 27.4223, 21.4396



25.5609, 27.4223, 40.9844

Square

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



24.7829, 27.4223, 21.4396



22.9295, 27.4223, 33.7468



27.3887, 27.4223, 40.2343



29.4721, 27.4223, 26.2805

Rectangle

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



24.7829, 27.4223, 21.4396



22.8630, 27.4223, 26.8079



27.3887, 27.4223, 40.2343



29.5508, 27.4223, 33.1315

Sweetspot

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



24.7836, 27.4235, 21.4402



47.0291, 50.2196, 50.0031



21.8127, 20.9623, 20.3496



10.4313, 11.1590, 10.9870



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.



24.7836, 27.4235, 21.4402



43.5433, 48.7556, 34.7961



22.7030, 26.3509, 21.3428



5.7991, 6.2646, 5.7929



17.1047, 21.7104, 3.2890



0.1714, 0.2116, 0.0318

Inverse Universe

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



19.5938, 19.3036, 29.4827



32.2637, 31.1069, 52.2773



21.4975, 20.2850, 29.5718



5.1657, 5.2736, 6.7744



4.5141, 1.8207, 23.0906



0.0493, 0.0206, 0.2210

Previews

White Background



This preview shows how the XYZ color 24.7829, 27.4223, 21.4396 looks on a white background.

Color Contrast Check

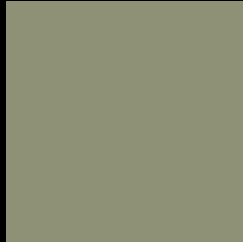
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7829, 27.4223, 21.4396 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

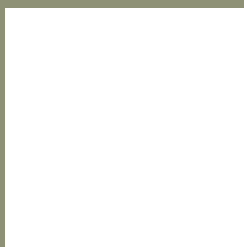
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7829, 27.4223, 21.4396

Background



This preview shows how black text looks on a background with the XYZ color 24.7829, 27.4223, 21.4396.



This preview shows how white text looks on a background with the XYZ color 24.7829, 27.4223,

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

24.7829, 27.4223, 21.4396

Protanopia

25.8550, 27.5322, 21.0911

Deuteranopia

27.7067, 27.1643, 21.8721



Tritanopia

27.0782, 27.2262, 33.5338

Trichromacy



Original Color

24.7829, 27.4223, 21.4396

Protanomaly

25.4560, 27.5504, 21.1156

Deuteranomaly

26.4785, 27.1802, 21.6200

Tritanomaly

26.2607, 27.3504, 28.7060

Monochromacy



Original Color

24.7829, 27.4223, 21.4396

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0620, 26.7902, 26.0404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7829, 27.4223, 21.4396 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, 145, 119)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 119)  
}
```

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, 145, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.7829, 27.4223, 21.4396 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, 145, 119) }
```


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

```
.border{ border-color:rgb(143, 145, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 119);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7829, 27.4223, 21.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 119) }
```

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

```
.background{ background-color: rgb(143,  
145, 119) }
```

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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