

Converting Colors

XYZ(24.8274, 27.8731, 23.2537)

Have a look what the booklet for
XYZ(24.8274, 27.8731, 23.2537)
contains.

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Color

**XYZ(24.7193, 27.8116,
23.1341)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8B937C |
| RGB | 139, 147, 124 |
| RGB Percent | 55%, 58%, 49% |
| CMY | 0.4549, 0.4235, 0.5137 |
| CMYK | 0.05, 0.00, 0.16, 0.42 |
| HSL | 81°, 10%, 53% |
| HSV | 81°, 16%, 58% |
| XYZ | 24.7193, 27.8116, 23.1341 |
| YIQ | 141.9860, 2.6150, -8.8490 |

Conversions

Conversions Part 2

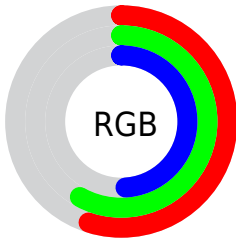
| Format | Color |
|-------------------------------------|---|
| RYB | 124, 147, 132 |
| Decimal | 9147260 |
| CIELab | 59.72, -7.22, 11.21 |
| CIELCh | 60, 13.328, 122.777 |
| Yxy | 27.8116, 0.3267, 0.3676 |
| Android (android.graphics.Color) | 4287337340 (0xFF8B937C) |
| YUV | 141.9860, -8.8671, -2.6187 |
| Hunter-Lab | 52.7367, -8.6208, 10.9068 |

Details

The XYZ color **24.7193, 27.8116, 23.1341** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9908, 21.4281, 30.5822**, and the grayscale version is **25.7395, 27.0799, 29.4900**.

A 20% lighter version of the original color is **50.8148, 56.2851, 49.7809**, and **9.5727, 10.9976, 8.2748** is the 20% darker color. If you saturate the color by 10%, you get **23.0243, 27.0381, 18.5584**, and if you desaturate by 10%, it is **26.5944, 28.6635, 28.4428**.

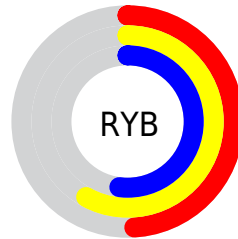
Distribution



Red (55%)

Green (58%)

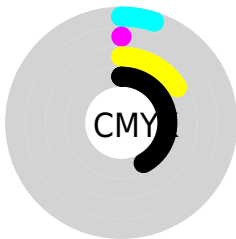
Blue (49%)



Red (49%)

Yellow (58%)

Blue (52%)

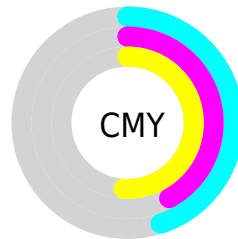


Cyan (5%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (45%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7193, 27.8116, 23.1341 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 24.7193, 27.8116, 23.1341 by changing the saturation by 10% instead.

■ 24.7193, 27.8116,
23.1341

■ 24.7193, 27.8116,
23.1341

268.8106,
291.5656, 281.5572

■ 15.9957, 18.1837,
14.4863

■ 50.6477, 56.1835,
49.5394

■ 9.6119, 11.0819,
8.3171

■ 68.5831, 75.6963,
68.1340

■ 5.2027, 6.1220,
4.2078

■ 90.3198, 99.2728,
90.8813

■ 2.4027, 2.9194,
1.7400

116.2232,
127.2975, 118.1999

■ 0.8464, 1.0898,
0.3880

146.6587,
160.1547, 150.5082

■ 0.0000, 0.0000,
0.0000

181.9915,

198.2289, 188.2248

222.5870,
241.9044, 231.7683

■ 24.7193, 27.8116,
23.1341

■ 24.7193, 27.8116,
23.1341

■ 23.0243, 27.0381,
18.5584

■ 26.5944, 28.6635,
28.4428

■ 21.5005, 26.3368,
14.6818

■ 28.6536, 29.5929,
34.5131

■ 20.1414, 25.7059,
11.4703

■ 30.9036, 30.6032,
41.3740

■ 18.9395, 25.1422,
8.8862

■ 33.3500, 31.6970,
49.0525

■ 17.8863, 24.6424,
6.8882

■ 35.9982, 32.8763,
57.5744

■ 16.9725, 24.2026,
5.4301

■ 38.8533, 34.1433,
66.9644

■ 16.1872, 23.8185,
4.4586

■ 41.9204, 35.5001,
77.2460

■ 15.5158, 23.4841,
3.8989

■ 45.2043, 36.9485,
88.4421

■ 15.2436, 23.3478,
3.7032

■ 48.4987, 38.4063,
99.4647

Harmonies

Analogous

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



26.2775, 27.8116, 21.9306



24.7193, 27.8116, 23.1341



23.6576, 27.8116, 26.2343

Triad

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



24.7193, 27.8116, 23.1341



24.9801, 27.8116, 39.3012



29.8026, 27.8116, 29.8349

Complementary

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



24.7193, 27.8116, 23.1341



21.9908, 21.4281, 30.5822

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.



29.4198, 27.8116, 34.7262



24.7193, 27.8116, 23.1341



26.5913, 27.8116, 40.5230

Square

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



24.7193, 27.8116, 23.1341



23.8036, 27.8116, 35.5860



28.2264, 27.8116, 38.7689



29.2516, 27.8116, 25.5333

Rectangle

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



24.7193, 27.8116, 23.1341



23.3496, 27.8116, 29.1309



28.2264, 27.8116, 38.7689



29.7789, 27.8116, 31.4633

Sweetspot

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



24.7200, 27.8128, 23.1347



47.8167, 51.4169, 51.4911



23.8778, 24.0714, 22.4569



10.8641, 11.7141, 11.6054



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.



24.7200, 27.8128, 23.1347



43.0944, 49.2715, 38.2109



22.9497, 26.9002, 23.0518



6.0716, 6.6447, 6.2030



13.2420, 20.2544, 3.2116



0.1940, 0.2643, 0.0408

Inverse Universe

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



21.9908, 21.4281, 30.5822



37.1920, 35.4622, 54.3192



23.8316, 22.3771, 30.6683



5.6785, 5.7252, 7.2755



5.7802, 2.4524, 24.0997



0.1003, 0.0453, 0.2964

Previews

White Background



This preview shows how the XYZ color 24.7193, 27.8116, 23.1341 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 24.7193, 27.8116, 23.1341 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

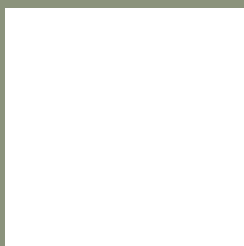
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7193, 27.8116, 23.1341

Background



This preview shows how black text looks on a background with the XYZ color 24.7193, 27.8116, 23.1341.



This preview shows how white text looks on a background with the XYZ color 24.7193, 27.8116,

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

24.7193, 27.8116, 23.1341

Protanopia

26.0978, 27.6294, 22.3699

Deuteranopia

28.1642, 27.5758, 23.5769



Tritanopia

26.9829, 27.8177, 34.5190

Trichromacy



Original Color

24.7193, 27.8116, 23.1341

Protanomaly

25.5810, 27.5796, 22.7140

Deuteranomaly

26.7441, 27.4990, 23.3003

Tritanomaly

26.0865, 27.6805, 29.9546

Monochromacy



Original Color

24.7193, 27.8116, 23.1341

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3309, 27.3585, 26.8673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7193, 27.8116, 23.1341 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(139, 147, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 124)  
}
```

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(139, 147, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 124) }
```

Border

The CSS property to change the border of an element to XYZ 24.7193, 27.8116, 23.1341 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(139, 147, 124) }
```


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

```
.border{ border-color:rgb(139, 147, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7193, 27.8116, 23.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 124) }
```

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

```
.background{ background-color: rgb(139,  
147, 124) }
```

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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