

Converting Colors

XYZ(24.9048, 26.8216, 21.9538)

Have a look what the booklet for
XYZ(24.9048, 26.8216, 21.9538)
contains.

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Color

**XYZ(24.9783, 26.8375,
21.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	928E79
RGB	146, 142, 121
RGB Percent	57%, 56%, 47%
CMY	0.4274, 0.4431, 0.5255
CMYK	0.00, 0.03, 0.17, 0.43
HSL	50°, 10%, 52%
HSV	50°, 17%, 57%
XYZ	24.9783, 26.8375, 21.9528
YIQ	140.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

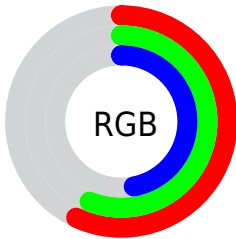
Format	Color
R_{YB}	126, 146, 121
Decimal	9604729
CIE _{Lab}	58.82, -2.25, 11.73
CIE _{LCh}	59, 11.945, 100.853
Yxy	26.8375, 0.3386, 0.3638
Android (android.graphics.Color)	4287794809 (0xFF928E79)
YUV	140.8020, -9.7624, 4.5586
Hunter-Lab	51.8049, -4.5929, 11.1388

Details

The XYZ color **24.9783, 26.8375, 21.9528** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4071, 20.8071, 30.1350**, and the grayscale version is **25.2750, 26.5913, 28.9579**.

A 20% lighter version of the original color is **51.1022, 54.7763, 47.4147**, and **9.7162, 10.5551, 7.6561** is the 20% darker color. If you saturate the color by 10%, you get **23.8065, 25.8198, 17.4742**, and if you desaturate by 10%, it is **26.2944, 27.9264, 27.1487**.

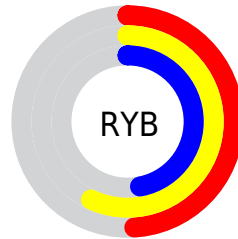
Distribution



Red (57%)

Green (56%)

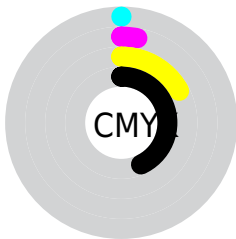
Blue (47%)



Red (49%)

Yellow (57%)

Blue (47%)

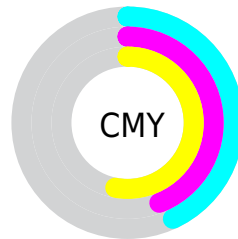


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (43%)



Cyan (43%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9783, 26.8375, 21.9528 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 24.9783, 26.8375, 21.9528 by changing the saturation by 10% instead.

■ 24.9783, 26.8375,
21.9528

■ 24.9783, 26.8375,
21.9528

270.0795,
286.8695, 275.2451

■ 16.1895, 17.4512,
13.6242

■ 51.0652, 54.6230,
47.5692

■ 9.7501, 10.5567,
7.7240

■ 69.0940, 73.7910,
65.6940

■ 5.2946, 5.7696,
3.8336

■ 90.9335, 96.9884,
87.9214

■ 2.4576, 2.7055,
1.5345

116.9491,
124.5995, 114.6699

■ 0.8739, 0.9800,
0.2435

147.5062,
157.0088, 146.3580

■ 0.0000, 0.0000,
0.0000

182.9700,

194.6006, 183.4042

223.7060,
237.7594, 226.2270

■ 24.9783, 26.8375,
21.9528

■ 24.9783, 26.8375,
21.9528

■ 23.8065, 25.8198,
17.4742

■ 26.2944, 27.9264,
27.1487

■ 22.7707, 24.8671,
13.6793

■ 27.7583, 29.0852,
33.0902

■ 21.8650, 23.9779,
10.5342

■ 29.3761, 30.3174,
39.8061

■ 21.0822, 23.1494,
8.0015

■ 31.1531, 31.6251,
47.3233

■ 20.4146, 22.3783,
6.0399

■ 33.0940, 33.0103,
55.6672

■ 19.8533, 21.6610,
4.6030

■ 35.2036, 34.4749,
64.8622

■ 19.3880, 20.9933,
3.6375

■ 37.4863, 36.0208,
74.9316

■ 19.0011, 20.3681,
3.0506

■ 39.9464, 37.6498,
85.8980

■ 18.8948, 20.1923,
2.9016

■ 42.5880, 39.3636,
97.7830

Harmonies

Analogous

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



26.4491, 26.8375, 22.2048



24.9783, 26.8375, 21.9528



23.6989, 26.8375, 23.5020

Triad

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



24.9783, 26.8375, 21.9528



23.4240, 26.8375, 34.8589



28.2804, 26.8375, 31.9654

Complementary

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



24.9783, 26.8375, 21.9528



20.4071, 20.8071, 30.1350

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.



27.4074, 26.8375, 35.8009



24.9783, 26.8375, 21.9528



24.5899, 26.8375, 37.5795

Square

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



24.9783, 26.8375, 21.9528



22.8248, 26.8375, 30.7766



26.0456, 26.8375, 37.9399



28.3942, 26.8375, 27.7196

Rectangle

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



24.9783, 26.8375, 21.9528



23.1122, 26.8375, 25.4438



26.0456, 26.8375, 37.9399



28.0644, 26.8375, 33.3557

Sweetspot

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



24.9790, 26.8387, 21.9534



46.8864, 49.6679, 49.9042



22.4041, 21.2710, 22.3832



10.3957, 11.0213, 10.9623



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.



24.9790, 26.8387, 21.9534



43.1452, 46.5581, 35.1769



24.1566, 27.3135, 22.0884



6.1873, 6.5884, 6.1860



16.6407, 17.7958, 2.5579



0.2207, 0.2518, 0.0370

Inverse Universe

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



20.4071, 20.8071, 30.1350



33.3500, 33.6365, 52.7083



21.1300, 20.4437, 30.0268



5.5700, 5.7739, 7.2906



4.8530, 2.4007, 24.1386



0.0736, 0.0578, 0.3002

Previews

White Background



This preview shows how the XYZ color 24.9783, 26.8375, 21.9528 looks on a white background.

Color Contrast Check

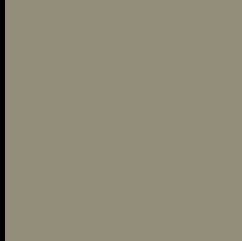
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9783, 26.8375, 21.9528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

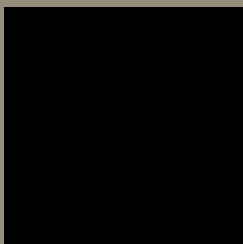
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

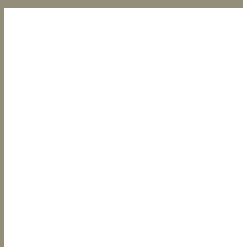
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9783, 26.8375, 21.9528

Background



This preview shows how black text looks on a background with the XYZ color 24.9783, 26.8375, 21.9528.



This preview shows how white text looks on a background with the XYZ color 24.9783, 26.8375,

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

24.9783, 26.8375, 21.9528

Protanopia

25.3705, 26.8198, 21.9287

Deuteranopia

27.2173, 26.6948, 22.1305



Tritanopia

27.0910, 26.8309, 32.1848

Trichromacy



Original Color

24.9783, 26.8375, 21.9528

Protanomaly

25.1888, 26.7261, 21.9202

Deuteranomaly

26.3116, 26.6500, 22.1695

Tritanomaly

26.2872, 26.7189, 28.1979

Monochromacy



Original Color

24.9783, 26.8375, 21.9528

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1556, 26.6106, 26.3648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9783, 26.8375, 21.9528 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(146, 142, 121)` looks like.

```
.text, #text, p{  
    color:rgb(146, 142, 121)  
}
```

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(146, 142, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 142, 121) }
```

Border

The CSS property to change the border of an element to XYZ 24.9783, 26.8375, 21.9528 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(146, 142, 121) }
```


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

```
.border{ border-color:rgb(146, 142, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 142, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 142, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 142, 121);  
box-shadow:4px 4px 4px 4px rgb(146, 142,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9783, 26.8375, 21.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 142, 121) }
```

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

```
.background{ background-color: rgb(146,  
142, 121) }
```

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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