

Converting Colors

XYZ(24.2565, 26.6298, 22.5375)

Have a look what the booklet for
XYZ(24.2565, 26.6298, 22.5375)
contains.

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Color

**XYZ(24.3821, 26.7377,
22.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8F7B
RGB	141, 143, 123
RGB Percent	55%, 56%, 48%
CMY	0.4471, 0.4392, 0.5176
CMYK	0.01, 0.00, 0.14, 0.44
HSL	66°, 8%, 52%
HSV	66°, 14%, 56%
XYZ	24.3821, 26.7377, 22.6147
YIQ	140.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

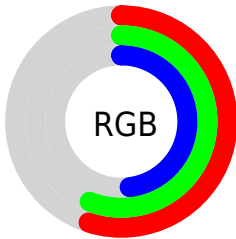
Format	Color
R_{YB}	123, 143, 125
Decimal	9277307
CIE Lab	58.73, -4.42, 10.40
CIE LCh	59, 11.303, 113.006
Yxy	26.7377, 0.3307, 0.3626
Android (android.graphics.Color)	4287467387 (0xFF8D8F7B)
YUV	140.1220, -8.4411, 0.7700
Hunter-Lab	51.7085, -6.3218, 10.2655

Details

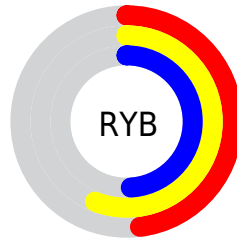
The XYZ color **24.3821, 26.7377, 22.6147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4994, 20.5098, 28.8664**, and the grayscale version is **25.0056, 26.3079, 28.6493**.

A 20% lighter version of the original color is **50.2098, 54.6298, 48.4557**, and **9.4648, 10.5473, 8.0155** is the 20% darker color. If you saturate the color by 10%, you get **23.3099, 26.2817, 18.2280**, and if you desaturate by 10%, it is **25.5897, 27.2500, 27.6915**.

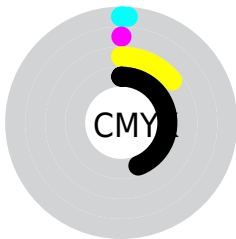
Distribution



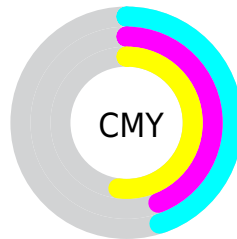
- Red (55%)
- Green (56%)
- Blue (48%)



- Red (48%)
- Yellow (56%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3821, 26.7377, 22.6147 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 24.3821, 26.7377, 22.6147 by changing the saturation by 10% instead.

■ 24.3821, 26.7377,
22.6147

■ 24.3821, 26.7377,
22.6147

267.1514,
286.3849, 278.7973

■ 15.7436, 17.3763,
14.1066

■ 50.1032, 54.4627,
48.6750

■ 9.4326, 10.5032,
8.0553

■ 67.9164, 73.5951,
67.0644

■ 5.0838, 5.7338,
4.0421

■ 89.5186, 96.7532,
89.5846

■ 2.3318, 2.6839,
1.6484

115.2751,
124.3216, 116.6542

■ 0.8108, 0.9690,
0.3250

145.5513,
156.6846, 148.6917

■ 0.0000, 0.0000,
0.0000

180.7125,

194.2265, 186.1157

221.1241,
237.3318, 229.3447

■ 24.3821, 26.7377,
22.6147

■ 24.3821, 26.7377,
22.6147

■ 23.3099, 26.2817,
18.2280

■ 25.5897, 27.2500,
27.6915

■ 22.3652, 25.8763,
14.5000

■ 26.9359, 27.8171,
33.4847

■ 21.5427, 25.5201,
11.3993

■ 28.4264, 28.4424,
40.0211

■ 20.8360, 25.2105,
8.8913

■ 30.0660, 29.1276,
47.3259

■ 20.2376, 24.9446,
6.9382

■ 31.8591, 29.8746,
55.4228

■ 19.7397, 24.7193,
5.4976

■ 33.8103, 30.6853,
64.3349

■ 19.3329, 24.5308,
4.5213

■ 35.9235, 31.5611,
74.0839

■ 19.0061, 24.3747,
3.9500

■ 38.2029, 32.5037,
84.6910

■ 18.8281, 24.2883,
3.6958

■ 40.6523, 33.5148,
96.1765

Harmonies

Analogous

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



25.7405, 26.7377, 22.1511



24.3821, 26.7377, 22.6147



23.3360, 26.7377, 24.7417

Triad

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



24.3821, 26.7377, 22.6147



23.8374, 26.7377, 35.6709



28.1622, 26.7377, 30.0557

Complementary

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



24.3821, 26.7377, 22.6147



20.4994, 20.5098, 28.8664

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.



27.6105, 26.7377, 33.9707



24.3821, 26.7377, 22.6147



25.0890, 26.7377, 37.3988

Square

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



24.3821, 26.7377, 22.6147



23.0296, 26.7377, 32.2110



26.4733, 26.7377, 36.7498



27.9562, 26.7377, 26.2199

Rectangle

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



24.3821, 26.7377, 22.6147



22.9399, 26.7377, 26.9305



26.4733, 26.7377, 36.7498



28.0586, 26.7377, 31.4100

Sweetspot

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



24.3828, 26.7389, 22.6153



45.8026, 48.7884, 49.4941



22.2373, 21.9376, 21.8016



10.4673, 11.1730, 11.1960



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.



24.3828, 26.7389, 22.6153



42.9892, 47.5959, 37.7138



22.7586, 25.9016, 22.5393



5.7871, 6.2584, 5.7923



16.6566, 21.4794, 3.2680



0.1692, 0.2105, 0.0317

Inverse Universe

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



20.4994, 20.5098, 28.8664



34.5544, 34.0657, 51.2922



22.0334, 21.3006, 28.9382



5.1766, 5.2792, 6.7749



4.5577, 1.8432, 23.0926



0.0515, 0.0217, 0.2212

Previews

White Background



This preview shows how the XYZ color 24.3821, 26.7377, 22.6147 looks on a white background.

Color Contrast Check

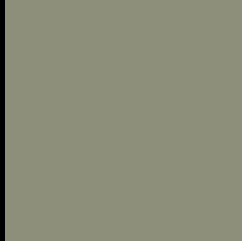
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3821, 26.7377, 22.6147 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

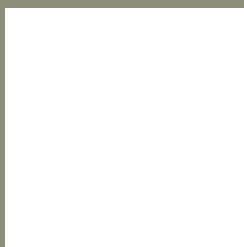
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3821, 26.7377, 22.6147

Background



This preview shows how black text looks on a background with the XYZ color 24.3821, 26.7377, 22.6147.



This preview shows how white text looks on a background with the XYZ color 24.3821, 26.7377,

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

24.3821, 26.7377, 22.6147

Protanopia

25.2505, 26.7508, 22.2449

Deuteranopia

27.1402, 26.6406, 22.7805



Tritanopia

26.4147, 26.6870, 32.6131

Trichromacy



Original Color

24.3821, 26.7377, 22.6147

Protanomaly

24.8629, 26.7709, 22.2692

Deuteranomaly

26.1971, 26.7905, 22.8591

Tritanomaly

25.6133, 26.5789, 28.5912

Monochromacy



Original Color

24.3821, 26.7377, 22.6147

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6432, 26.3464, 26.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3821, 26.7377, 22.6147 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(141, 143, 123)` looks like.

```
.text, #text, p{  
    color:rgb(141, 143, 123)  
}
```

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(141, 143, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 143, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.3821, 26.7377, 22.6147 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(141, 143, 123) }
```


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

```
.border{ border-color:rgb(141, 143, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 143, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 143, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 143, 123);  
box-shadow:4px 4px 4px 4px rgb(141, 143,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3821, 26.7377, 22.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 143, 123) }
```

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

```
.background{ background-color: rgb(141,  
143, 123) }
```

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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