

Converting Colors

XYZ(22.3689, 26.1897, 24.5225)

Have a look what the booklet for
XYZ(22.3689, 26.1897, 24.5225)
contains.

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Color

**XYZ(22.4000, 26.1209,
24.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9181
RGB	124, 145, 129
RGB Percent	49%, 57%, 51%
CMY	0.5137, 0.4314, 0.4941
CMYK	0.14, 0.00, 0.11, 0.43
HSL	134°, 9%, 53%
HSV	134°, 14%, 57%
XYZ	22.4000, 26.1209, 24.6301
YIQ	136.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

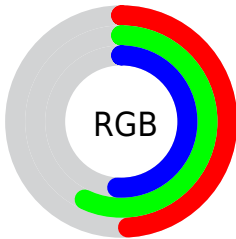
Format	Color
RYB	124, 141, 145
Decimal	8163713
CIELab	58.15, -10.77, 5.99
CIELCh	58, 12.326, 150.943
Yxy	26.1209, 0.3062, 0.3571
Android (android.graphics.Color)	4286353793 (0xFF7C9181)
YUV	136.8970, -3.8932, -11.3107
Hunter-Lab	51.1086, -11.2067, 7.2032

Details

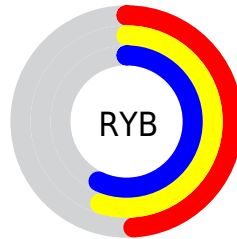
The XYZ color **22.4000, 26.1209, 24.6301** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6192, 22.3290, 27.8772**, and the grayscale version is **23.7558, 24.9929, 27.2173**.

A 20% lighter version of the original color is **46.9984, 53.5714, 52.1192**, and **8.4418, 10.2595, 9.1248** is the 20% darker color. If you saturate the color by 10%, you get **19.7616, 24.8418, 20.8783**, and if you desaturate by 10%, it is **25.4275, 27.5929, 28.8157**.

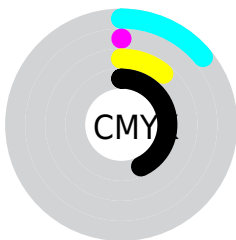
Distribution



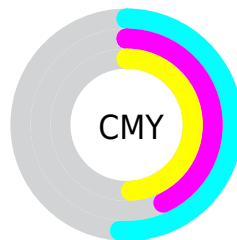
- Red (49%)
- Green (57%)
- Blue (51%)



- Red (49%)
- Yellow (55%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4000, 26.1209, 24.6301 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 22.4000, 26.1209, 24.6301 by changing the saturation by 10% instead.

■ 22.4000, 26.1209,
24.6301

■ 22.4000, 26.1209,
24.6301

257.2214,
283.3751, 289.3792

■ 14.2694, 16.9141,
15.5852

■ 46.8802, 53.4699,
52.0132

■ 8.3912, 10.1733,
9.0799

■ 63.9604, 72.3809,
71.1884

■ 4.4002, 5.5140,
4.6958

■ 84.7546, 95.2955,
94.5774

■ 1.9309, 2.5519,
2.0143

109.6280,
122.5980, 122.5989

■ 0.5947, 0.9025,
0.5641

138.9460,
154.6728, 155.6712

■ 0.0000, 0.0000,
0.0000

173.0740,

191.9043, 194.2130

212.3774,
234.6769, 238.6429

■ 22.4000, 26.1209,
24.6301

■ 22.4000, 26.1209,
24.6301

■ 19.7616, 24.8418,
20.8783

■ 25.4275, 27.5929,
28.8157

■ 17.4941, 23.7443,
17.5448

■ 28.8568, 29.2618,
33.4467

■ 15.5813, 22.8211,
14.6156

■ 32.7030, 31.1359,
38.5363

■ 14.0048, 22.0629,
12.0751

■ 36.9793, 33.2218,
44.0966

■ 12.7444, 21.4599,
9.9069

■ 41.6988, 35.5259,
50.1394

■ 11.7780, 21.0008,
8.0935

■ 46.8737, 38.0544,
56.6760

■ 11.0802, 20.6731,
6.6157

■ 52.5159, 40.8130,
63.7172

■ 10.6196, 20.4609,
5.4526

■ 58.6368, 43.8075,
71.2737

■ 10.4223, 20.3704,
4.9358

■ 65.2474, 47.0434,
79.3557

Harmonies

Analogous

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



23.3793, 26.1209, 21.9531



22.4000, 26.1209, 24.6301



22.0645, 26.1209, 28.5768

Triad

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



22.4000, 26.1209, 24.6301



24.8744, 26.1209, 37.4846



27.3731, 26.1209, 24.4177

Complementary

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



22.4000, 26.1209, 24.6301



23.6192, 22.3290, 27.8772

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.



27.8112, 26.1209, 28.3060



22.4000, 26.1209, 24.6301



26.3335, 26.1209, 36.0961

Square

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



22.4000, 26.1209, 24.6301



23.4581, 26.1209, 36.2551



27.4235, 26.1209, 32.6265



26.2485, 26.1209, 21.8394

Rectangle

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



22.4000, 26.1209, 24.6301



22.2400, 26.1209, 31.4841



27.4235, 26.1209, 32.6265



27.6075, 26.1209, 25.6010

Sweetspot

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



22.4007, 26.1220, 24.6307



45.7668, 49.5252, 51.9191



24.5966, 27.2915, 23.0404



10.0925, 10.9742, 11.4287



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.



22.4007, 26.1220, 24.6307



38.6881, 46.0860, 42.1009



23.1279, 26.4129, 28.4599



5.3923, 6.0491, 6.0315



8.9480, 17.4751, 4.2806



0.0930, 0.1701, 0.0802

Inverse Universe

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



23.6192, 22.3290, 27.8772



41.2518, 38.1051, 48.9304



22.8879, 22.0365, 24.0262



5.5721, 5.4894, 6.5107



12.4626, 6.1421, 13.3534



0.1277, 0.0621, 0.1726

Previews

White Background



This preview shows how the XYZ color 22.4000, 26.1209, 24.6301 looks on a white background.

Color Contrast Check

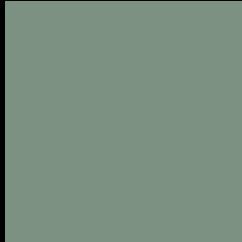
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4000, 26.1209, 24.6301 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 22.4000, 26.1209, 24.6301

Background



This preview shows how black text looks on a background with the XYZ color 22.4000, 26.1209, 24.6301.

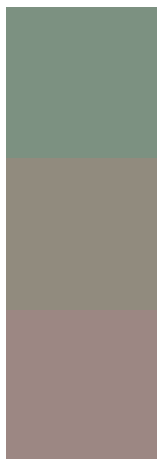


This preview shows how white text looks on a background with the XYZ color 22.4000, 26.1209,

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

22.4000, 26.1209, 24.6301

Protanopia

24.6756, 25.9913, 23.4550

Deuteranopia

26.4710, 26.0346, 25.1027



Tritanopia

24.3249, 26.2351, 33.9188

Trichromacy



Original Color

22.4000, 26.1209, 24.6301

Protanomaly

23.6722, 25.9004, 23.8303

Deuteranomaly

24.7635, 26.0062, 24.8336

Tritanomaly

23.6089, 26.1706, 30.1927

Monochromacy



Original Color

22.4000, 26.1209, 24.6301

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1969, 25.3829, 26.2310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4000, 26.1209, 24.6301 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(124, 145, 129)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 129)  
}
```

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(124, 145, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.4000, 26.1209, 24.6301 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(124, 145, 129) }
```


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

```
.border{ border-color:rgb(124, 145, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 145, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 129);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4000, 26.1209, 24.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 129) }
```

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

```
.background{ background-color: rgb(124,  
145, 129) }
```

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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