

Converting Colors

XYZ(21.0199, 22.6755, 22.4786)

Have a look what the booklet for
XYZ(21.0199, 22.6755, 22.4786)
contains.

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Color

**XYZ(20.9426, 22.6249,
22.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	81847C
RGB	129, 132, 124
RGB Percent	51%, 52%, 49%
CMY	0.4941, 0.4823, 0.5137
CMYK	0.02, 0.00, 0.06, 0.48
HSL	83°, 3%, 50%
HSV	83°, 6%, 52%
XYZ	20.9426, 22.6249, 22.3320
YIQ	130.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

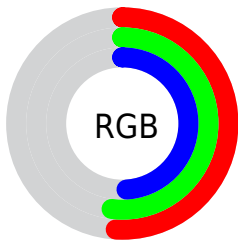
Format	Color
RYB	124, 132, 127
Decimal	8488060
CIELab	54.68, -2.68, 3.92
CIELCh	55, 4.748, 124.307
Yxy	22.6249, 0.3178, 0.3433
Android (android.graphics.Color)	4286678140 (0xFF81847C)
YUV	130.1910, -3.0522, -1.0445
Hunter-Lab	47.5656, -4.6484, 5.4594

Details

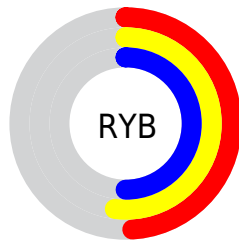
The XYZ color **20.9426, 22.6249, 22.3320** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.1258, 20.5939, 24.7453**, and the grayscale version is **21.2965, 22.4056, 24.3997**.

A 20% lighter version of the original color is **44.4768, 47.7776, 47.9521**, and **7.6715, 8.4000, 7.8736** is the 20% darker color. If you saturate the color by 10%, you get **19.4290, 21.9354, 18.1914**, and if you desaturate by 10%, it is **22.6057, 23.3799, 27.0640**.

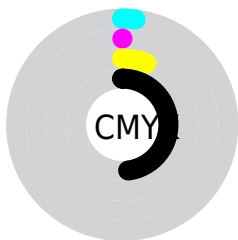
Distribution



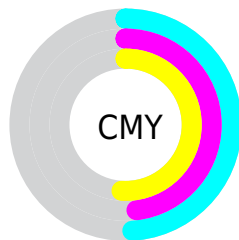
- Red (51%)
- Green (52%)
- Blue (49%)



- Red (49%)
- Yellow (52%)
- Blue (50%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9426, 22.6249, 22.3320 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 20.9426, 22.6249, 22.3320 by changing the saturation by 10% instead.

■ 20.9426, 22.6249,
22.3320

■ 20.9426, 22.6249,
22.3320

249.7108,
265.7925, 277.2850

■ 13.1943, 14.3168,
13.9004

■ 44.4840, 47.7767,
48.2033

■ 7.6404, 8.3413,
7.9135

■ 61.0077, 65.3891,
66.4801

■ 3.9156, 4.3141,
3.9526

■ 81.1874, 86.8718,
88.8757

■ 1.6545, 1.8508,
1.5994

105.3882,
112.6091, 115.8087

■ 0.4275, 0.5185,
0.2904

133.9756,
142.9854, 147.6976

■ 0.0000, 0.0000,
0.0000

167.3149,

178.3852, 184.9609

205.7715,
219.1927, 228.0172

■ 20.9426, 22.6249,
22.3320

■ 20.9426, 22.6249,
22.3320

■ 19.4290, 21.9354,
18.1914

■ 22.6057, 23.3799,
27.0640

■ 18.0582, 21.3064,
14.6173

■ 24.4211, 24.1994,
32.4078

■ 16.8255, 20.7367,
11.5857

■ 26.3938, 25.0861,
38.3848

■ 15.7253, 20.2241,
9.0697

■ 28.5282, 26.0419,
45.0147

■ 14.7517, 19.7661,
7.0406

■ 30.8282, 27.0684,
52.3166

■ 13.8980, 19.3599,
5.4667

■ 33.2979, 28.1672,
60.3086

■ 13.1569, 19.0027,
4.3125

■ 35.9409, 29.3399,
69.0083

■ 12.5202, 18.6909,
3.5373

■ 38.7610, 30.5880,
78.4325

■ 11.9743, 18.4192,
3.0734

■ 41.7616, 31.9130,
88.5976

Harmonies

Analogous

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



21.4289, 22.6249, 21.8736



20.9426, 22.6249, 22.3320



20.6110, 22.6249, 23.4073

Triad

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



20.9426, 22.6249, 22.3320



21.0713, 22.6249, 27.3214



22.5225, 22.6249, 24.4191

Complementary

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



20.9426, 22.6249, 22.3320



20.1258, 20.5939, 24.7453

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.



22.4230, 22.6249, 25.9042



20.9426, 22.6249, 22.3320



21.5799, 22.6249, 27.6188

Square

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



20.9426, 22.6249, 22.3320



20.6845, 22.6249, 26.2934



22.0759, 22.6249, 27.0904



22.3455, 22.6249, 23.0472

Rectangle

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



20.9426, 22.6249, 22.3320



20.5193, 22.6249, 24.3501



22.0759, 22.6249, 27.0904



22.5203, 22.6249, 24.9214

Sweetspot

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



20.9432, 22.6259, 22.3325



38.0340, 40.3732, 42.5576



20.7354, 21.5231, 22.1306



8.8646, 9.4040, 9.9352



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9432, 22.6259, 22.3325



36.5851, 39.7148, 38.4886



20.3572, 22.3238, 22.3051



4.9425, 5.3689, 5.1901



11.4043, 17.7391, 2.8229



0.0476, 0.0656, 0.0102

Inverse Universe

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



20.1258, 20.5939, 24.7453



34.8975, 35.5197, 43.4698



20.7231, 20.9018, 24.7732



4.7098, 4.7903, 5.8771



5.2895, 2.2610, 21.2943



0.0259, 0.0118, 0.0741

Previews

White Background



This preview shows how the XYZ color 20.9426, 22.6249, 22.3320 looks on a white background.

Color Contrast Check

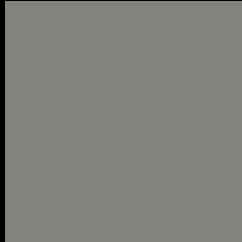
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9426, 22.6249, 22.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

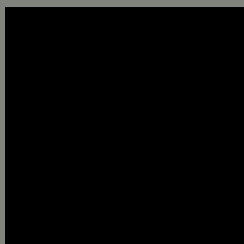
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

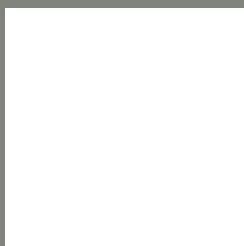
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9426, 22.6249, 22.3320

Background



This preview shows how black text looks on a background with the XYZ color 20.9426, 22.6249, 22.3320.



This preview shows how white text looks on a background with the XYZ color 20.9426, 22.6249,

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

20.9426, 22.6249, 22.3320

Protanopia

21.5495, 22.5462, 21.9550

Deuteranopia

22.8396, 22.4221, 22.5262



Tritanopia

22.0763, 22.6840, 28.0258

Trichromacy



Original Color

20.9426, 22.6249, 22.3320

Protanomaly

21.3643, 22.6492, 21.9846

Deuteranomaly

22.0683, 22.4080, 22.5641

Tritanomaly

21.6253, 22.6997, 25.7960

Monochromacy



Original Color

20.9426, 22.6249, 22.3320

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.2185, 22.5369, 23.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9426, 22.6249, 22.3320 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(129, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(129, 132, 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(129, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 132, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.9426, 22.6249, 22.3320 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(129, 132, 124) }
```


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

```
.border{ border-color:rgb(129, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(129, 132,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9426, 22.6249, 22.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 132, 124) }
```

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

```
.background{ background-color: rgb(129,  
132, 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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