

Converting Colors

XYZ(22.6464, 21.8763, 28.1748)

Have a look what the booklet for
XYZ(22.6464, 21.8763, 28.1748)
contains.

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Color

**XYZ(22.6628, 21.8274,
28.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7C8D
RGB	139, 124, 141
RGB Percent	55%, 49%, 55%
CMY	0.4549, 0.5137, 0.4471
CMYK	0.01, 0.12, 0.00, 0.45
HSL	293°, 7%, 52%
HSV	293°, 12%, 55%
XYZ	22.6628, 21.8274, 28.2179
YIQ	130.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

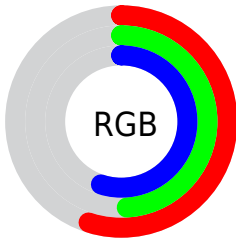
Format	Color
R_{YB}	139, 124, 141
Decimal	9141389
CIE Lab	53.84, 9.00, -7.09
CIE LCh	54, 11.458, 321.755
Yxy	21.8274, 0.3117, 0.3002
Android (android.graphics.Color)	4287331469 (0xFF8B7C8D)
YUV	130.4230, 5.2145, 7.5220
Hunter-Lab	46.7198, 4.8270, -3.1062

Details

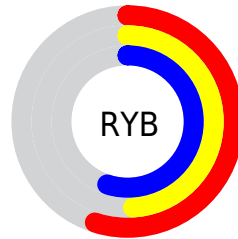
The XYZ color **22.6628, 21.8274, 28.2179** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7680, 24.9412, 22.7368**, and the grayscale version is **21.3497, 22.4616, 24.4607**.

A 20% lighter version of the original color is **47.5648, 46.7219, 58.1410**, and **8.5242, 7.9113, 10.9753** is the 20% darker color. If you saturate the color by 10%, you get **20.7459, 18.4014, 27.6580**, and if you desaturate by 10%, it is **24.8379, 25.7628, 28.8632**.

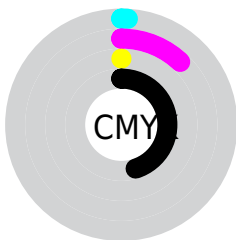
Distribution



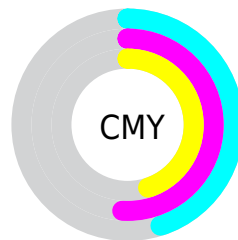
- Red (55%)
- Green (49%)
- Blue (55%)



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



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6628, 21.8274, 28.2179 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 22.6628, 21.8274, 28.2179 by changing the saturation by 10% instead.

■ 22.6628, 21.8274,
28.2179

■ 22.6628, 21.8274,
28.2179

258.5561,
261.6436, 307.4513

■ 14.4640, 13.7301,
18.2495

■ 47.3098, 46.4606,
57.8594

■ 8.5280, 7.9332,
10.9580

■ 64.4887, 63.7652,
78.3696

■ 4.4892, 4.0522,
5.9248

■ 85.3918, 84.9078,
103.2309

■ 1.9825, 1.7028,
2.7313

110.3843,
110.2728, 132.8617

■ 0.6241, 0.4255,
0.9591

139.8316,
140.2444, 167.6806

■ 0.0000, 0.0000,
0.0000

174.0992,

175.2072, 208.1061

213.5522,
215.5454, 254.5568

■ 22.6628, 21.8274,
28.2179

■ 22.6628, 21.8274,
28.2179

■ 20.7459, 18.4014,
27.6580

■ 24.8379, 25.7628,
28.8632

■ 19.0746, 15.4607,
27.1785

■ 27.2792, 30.2248,
29.5958

■ 17.6380, 12.9833,
26.7760

■ 29.9971, 35.2335,
30.4193

■ 16.4237, 10.9445,
26.4464

■ 33.0004, 40.8067,
31.3368

■ 15.4184, 9.3172,
26.1853

■ 36.2978, 46.9619,
32.3510

■ 14.6068, 8.0715,
25.9877

■ 39.8975, 53.7154,
33.4649

■ 13.9720, 7.1732,
25.8477

■ 43.8076, 61.0830,
34.6809

■ 13.4938, 6.5821,
25.7588

■ 48.0355, 69.0800,
36.0016

■ 13.1792, 6.2387,
25.7092

■ 52.5887, 77.7211,
37.4295

Harmonies

Analogous

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



21.6367, 21.8274, 30.6402



22.6628, 21.8274, 28.2179



23.1800, 21.8274, 24.7525

Triad

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



22.6628, 21.8274, 28.2179



21.0878, 21.8274, 17.6649



18.6231, 21.8274, 26.3705

Complementary

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



22.6628, 21.8274, 28.2179



21.7680, 24.9412, 22.7368

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.



18.4892, 21.8274, 22.8067



22.6628, 21.8274, 28.2179



19.8807, 21.8274, 18.0060

Square

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



22.6628, 21.8274, 28.2179



22.2474, 21.8274, 18.8266



18.9410, 21.8274, 19.8094



19.3143, 21.8274, 29.5023

Rectangle

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



22.6628, 21.8274, 28.2179



23.1528, 21.8274, 22.4108



18.9410, 21.8274, 19.8094



18.5126, 21.8274, 25.1754

Sweetspot

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



22.6634, 21.8283, 28.2184



43.6511, 44.6300, 51.4417



20.6159, 21.1993, 28.2049



9.6883, 9.8570, 11.4714



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.6634, 21.8283, 28.2184



39.7756, 37.6347, 50.2957



22.5496, 21.8217, 25.8598



5.5647, 5.4793, 6.7931



12.0254, 5.6929, 23.4421



0.1264, 0.0603, 0.2247

Inverse Universe

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



21.9589, 21.5854, 22.7490



38.3066, 37.1297, 38.8293



21.8828, 24.9534, 24.8653



5.4331, 5.4338, 5.7787



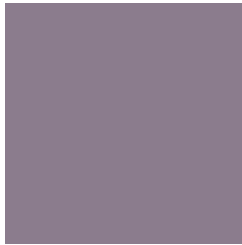
10.1086, 5.2005, 0.9574



0.1007, 0.0513, 0.0305

Previews

White Background



This preview shows how the XYZ color 22.6628, 21.8274, 28.2179 looks on a white background.

Color Contrast Check

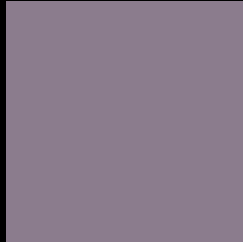
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6628, 21.8274, 28.2179 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 22.6628, 21.8274, 28.2179

Background



This preview shows how black text looks on a background with the XYZ color 22.6628, 21.8274, 28.2179.



This preview shows how white text looks on a background with the XYZ color 22.6628, 21.8274,

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

22.6628, 21.8274, 28.2179

Protanopia

21.4295, 21.9335, 29.0907

Deuteranopia

22.2947, 21.8246, 28.2368



Tritanopia

22.1880, 21.8198, 25.9639

Trichromacy



Original Color

22.6628, 21.8274, 28.2179

Protanomaly

21.8319, 21.9570, 28.6786

Deuteranomaly

22.4579, 21.9087, 28.2444

Tritanomaly

22.3302, 21.8766, 26.7126

Monochromacy



Original Color

22.6628, 21.8274, 28.2179

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6951, 22.1461, 25.6854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6628, 21.8274, 28.2179 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, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(139, 124, 141)  
}
```

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, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 124, 141) }
```

Border

The CSS property to change the border of an element to XYZ 22.6628, 21.8274, 28.2179 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, 124, 141) }
```


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

```
.border{ border-color:rgb(139, 124, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(139, 124,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6628, 21.8274, 28.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 124, 141) }
```

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

```
.background{ background-color: rgb(139,  
124, 141) }
```

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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