

Converting Colors

XYZ(22.9876, 22.3123, 27.0023)

Have a look what the booklet for
XYZ(22.9876, 22.3123, 27.0023)
contains.

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Color

**XYZ(23.0328, 22.4194,
27.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7E8A
RGB	141, 126, 138
RGB Percent	55%, 49%, 54%
CMY	0.4471, 0.5059, 0.4588
CMYK	0.00, 0.11, 0.02, 0.45
HSL	312°, 6%, 52%
HSV	312°, 11%, 55%
XYZ	23.0328, 22.4194, 27.1582
YIQ	131.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

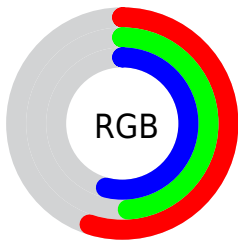
Format	Color
R_{YB}	141, 126, 138
Decimal	9272970
CIE _{Lab}	54.47, 7.98, -4.40
CIE _{LCh}	54, 9.111, 331.143
Yxy	22.4194, 0.3172, 0.3088
Android (android.graphics.Color)	4287463050 (0xFF8D7E8A)
YUV	131.8530, 3.0305, 8.0219
Hunter-Lab	47.3491, 3.9697, -0.8628

Details

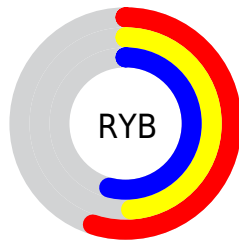
The XYZ color **23.0328, 22.4194, 27.1582** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.0924, 25.0709, 24.4448**, and the grayscale version is **21.8679, 23.0067, 25.0543**.

A 20% lighter version of the original color is **48.0297, 47.6039, 55.9472**, and **8.7297, 8.2365, 10.3622** is the 20% darker color. If you saturate the color by 10%, you get **21.1541, 18.9842, 25.5377**, and if you desaturate by 10%, it is **25.1723, 26.3670, 28.8923**.

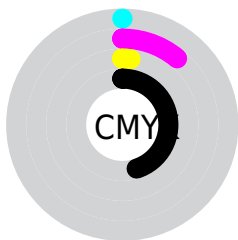
Distribution



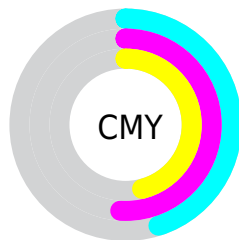
- Red (55%)
- Green (49%)
- Blue (54%)



- Red (55%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0328, 22.4194, 27.1582 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 23.0328, 22.4194, 27.1582 by changing the saturation by 10% instead.

■ 23.0328, 22.4194,
27.1582

■ 23.0328, 22.4194,
27.1582

260.4256,
264.7287, 302.2067

■ 14.7386, 14.1654,
17.4586

■ 47.9134, 47.4382,
56.1444

■ 8.7212, 8.2358,
10.3966

■ 65.2305, 64.9718,
76.2682

■ 4.6154, 4.2462,
5.5537

■ 86.2860, 86.3674,
100.7036

■ 2.0559, 1.8122,
2.5113

111.4451,
112.0093, 129.8694

■ 0.6650, 0.4948,
0.8461

141.0733,
142.2820, 164.1841

■ 0.0000, 0.0000,
0.0000

175.5359,

177.5699, 204.0662

215.1982,
218.2573, 249.9342

■ 23.0328, 22.4194,
27.1582

■ 23.0328, 22.4194,
27.1582

■ 21.1541, 18.9842,
25.5377

■ 25.1723, 26.3670,
28.8923

■ 19.5235, 16.0372,
24.0257

■ 27.5806, 30.8439,
30.7420

■ 18.1304, 13.5568,
22.6186

■ 30.2677, 35.8700,
32.7113

■ 16.9625, 11.5186,
21.3122

■ 33.2428, 41.4633,
34.8033

■ 16.0065, 9.8959,
20.1017

■ 36.5144, 47.6407,
37.0211

■ 15.2476, 8.6591,
18.9821

■ 40.0906, 54.4187,
39.3675

■ 14.6689, 7.7748,
17.9476

■ 43.9794, 61.8131,
41.8454

■ 14.2509, 7.2038,
16.9914

■ 48.1885, 69.8390,
44.4576

■ 13.9539, 6.8505,
16.1497

■ 52.7251, 78.5110,
47.2065

Harmonies

Analogous

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



22.3161, 22.4194, 29.4189



23.0328, 22.4194, 27.1582



23.2841, 22.4194, 24.3015

Triad

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



23.0328, 22.4194, 27.1582



21.2707, 22.4194, 19.3220



19.7097, 22.4194, 27.3625

Complementary

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



23.0328, 22.4194, 27.1582



22.0924, 25.0709, 24.4448

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.



19.4488, 22.4194, 24.5207



23.0328, 22.4194, 27.1582



20.3326, 22.4194, 20.0062

Square

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



23.0328, 22.4194, 27.1582



22.2478, 22.4194, 19.9104



19.6734, 22.4194, 21.8554



20.3969, 22.4194, 29.5432

Rectangle

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



23.0328, 22.4194, 27.1582



23.1478, 22.4194, 22.4833



19.6734, 22.4194, 21.8554



19.5702, 22.4194, 26.4457

Sweetspot

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



23.0335, 22.4204, 27.1587



44.1053, 45.4165, 50.9681



21.3228, 21.5130, 28.2282



9.7851, 10.0220, 11.3311



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.



23.0335, 22.4204, 27.1587



40.3149, 38.4374, 47.8498



22.5090, 22.2106, 24.3971



5.5807, 5.4928, 6.5558



12.7288, 6.2485, 14.7550



0.1293, 0.0628, 0.1810

Inverse Universe

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



23.0335, 22.4204, 27.1587



40.3149, 38.4374, 47.8498



22.6094, 25.2778, 27.1674



5.5807, 5.4928, 6.5558



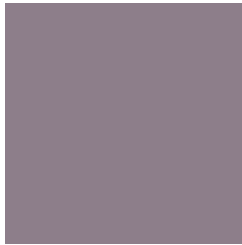
12.7288, 6.2485, 14.7550



0.1293, 0.0628, 0.1810

Previews

White Background



This preview shows how the XYZ color 23.0328, 22.4194, 27.1582 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 23.0328, 22.4194, 27.1582 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 23.0328, 22.4194, 27.1582

Background



This preview shows how black text looks on a background with the XYZ color 23.0328, 22.4194, 27.1582.



This preview shows how white text looks on a background with the XYZ color 23.0328, 22.4194,

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

23.0328, 22.4194, 27.1582

Protanopia

21.9222, 22.6045, 28.0186

Deuteranopia

22.9920, 22.5892, 27.1931



Tritanopia

22.8893, 22.3620, 26.4025

Trichromacy



Original Color

23.0328, 22.4194, 27.1582

Protanomaly

22.3420, 22.6329, 27.6171

Deuteranomaly

22.9920, 22.5892, 27.1931

Tritanomaly

22.9607, 22.3906, 26.7786

Monochromacy



Original Color

23.0328, 22.4194, 27.1582

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.2774, 22.8374, 25.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0328, 22.4194, 27.1582 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, 126, 138) looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 138)  
}
```

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, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.0328, 22.4194, 27.1582 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, 126, 138) }
```


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

```
.border{ border-color:rgb(141, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(141, 126,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0328, 22.4194, 27.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 138) }
```

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

```
.background{ background-color: rgb(141,  
126, 138) }
```

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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