

Converting Colors

XYZ(24.7938, 27.3088, 22.2426)

Have a look what the booklet for
XYZ(24.7938, 27.3088, 22.2426)
contains.

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Color

**XYZ(24.9659, 27.4956,
22.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	8F917A
RGB	143, 145, 122
RGB Percent	56%, 57%, 48%
CMY	0.4392, 0.4314, 0.5216
CMYK	0.01, 0.00, 0.16, 0.43
HSL	65°, 9%, 52%
HSV	65°, 16%, 57%
XYZ	24.9659, 27.4956, 22.4037
YIQ	141.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

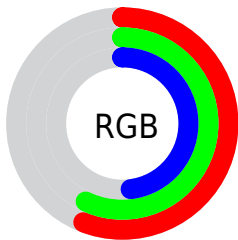
Format	Color
R_{YB}	122, 145, 124
Decimal	9408890
CIE _{Lab}	59.43, -4.92, 11.98
CIE _{LCh}	59, 12.949, 112.316
Yxy	27.4956, 0.3335, 0.3673
Android (android.graphics.Color)	4287598970 (0xFF8F917A)
YUV	141.7800, -9.7515, 1.0699
Hunter-Lab	52.4362, -6.7762, 11.3734

Details

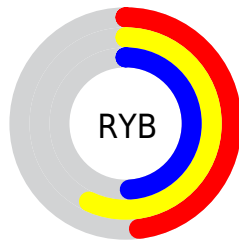
The XYZ color **24.9659, 27.4956, 22.4037** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3837, 20.2493, 29.6238**, and the grayscale version is **25.6604, 26.9967, 29.3995**.

A 20% lighter version of the original color is **51.0894, 55.7732, 48.1170**, and **9.8090, 10.9926, 7.9081** is the 20% darker color. If you saturate the color by 10%, you get **23.9165, 27.0516, 18.0094**, and if you desaturate by 10%, it is **26.1533, 27.9969, 27.5054**.

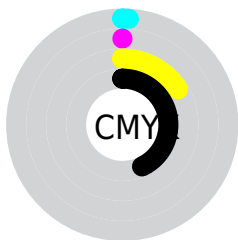
Distribution



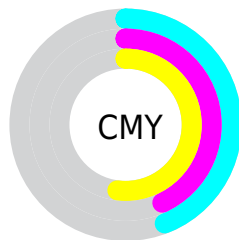
- Red (56%)
- Green (57%)
- Blue (48%)



- Red (48%)
- Yellow (57%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9659, 27.4956, 22.4037 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 24.9659, 27.4956, 22.4037 by changing the saturation by 10% instead.

■ 24.9659, 27.4956,
22.4037

■ 24.9659, 27.4956,
22.4037

270.0189,
290.0488, 277.6693

■ 16.1802, 17.9458,
13.9527

■ 51.0452, 55.6781,
48.3230

■ 9.7434, 10.9111,
7.9494

■ 69.0695, 75.0796,
66.6284

■ 5.2901, 6.0071,
3.9753

■ 90.9042, 98.5338,
89.0557

■ 2.4550, 2.8494,
1.6118

116.9144,
126.4251, 116.0234

■ 0.8726, 1.0536,
0.2992

147.4657,
159.1378, 147.9501

■ 0.0000, 0.0000,
0.0000

182.9232,

197.0564, 185.2543

223.6525,
240.5653, 228.3545

■ 24.9659, 27.4956,
22.4037

■ 24.9659, 27.4956,
22.4037

■ 23.9165, 27.0516,
18.0094

■ 26.1533, 27.9969,
27.5054

■ 22.9970, 26.6590,
14.2897

■ 27.4821, 28.5541,
33.3420

■ 22.2018, 26.3164,
11.2115

■ 28.9583, 29.1705,
39.9418

■ 21.5239, 26.0209,
8.7386

■ 30.5868, 29.8482,
47.3307

■ 20.9558, 25.7697,
6.8308

■ 32.3724, 30.5890,
55.5338

■ 20.4889, 25.5592,
5.4436

■ 34.3196, 31.3947,
64.5749

■ 20.1135, 25.3856,
4.5252

■ 36.4327, 32.2671,
74.4768

■ 19.8151, 25.2431,
4.0003

■ 38.7160, 33.2078,
85.2615

■ 19.7001, 25.1876,
3.8234

■ 41.1735, 34.2185,
96.9502

Harmonies

Analogous

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



26.5535, 27.4956, 21.9213



24.9659, 27.4956, 22.4037



23.7396, 27.4956, 24.7973

Triad

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



24.9659, 27.4956, 22.4037



24.2710, 27.4956, 37.5876



29.3520, 27.4956, 31.1497

Complementary

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



24.9659, 27.4956, 22.4037



20.3837, 20.2493, 29.6238

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.



28.6836, 27.4956, 35.7443



24.9659, 27.4956, 22.4037



25.7185, 27.4956, 39.7038

Square

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



24.9659, 27.4956, 22.4037



23.3502, 27.4956, 33.4637



27.3374, 27.4956, 38.9965



29.1302, 27.4956, 26.6691

Rectangle

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



24.9659, 27.4956, 22.4037



23.2702, 27.4956, 27.3029



27.3374, 27.4956, 38.9965



29.2231, 27.4956, 32.7375

Sweetspot

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



24.9666, 27.4968, 22.4043



47.0057, 50.2076, 50.0020



22.3881, 21.8201, 21.4445



10.4255, 11.1560, 10.9867



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.



24.9666, 27.4968, 22.4043



44.0173, 48.9473, 37.1986



23.0900, 26.5294, 22.3165



5.7939, 6.2619, 5.7927



16.9073, 21.6086, 3.2798



0.1705, 0.2111, 0.0318

Inverse Universe

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



20.3837, 20.2493, 29.6238



34.2235, 33.4585, 52.6279



22.1301, 21.1496, 29.7055



5.1705, 5.2761, 6.7746



4.5322, 1.8300, 23.0914



0.0503, 0.0211, 0.2211

Previews

White Background



This preview shows how the XYZ color 24.9659, 27.4956, 22.4037 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 24.9659, 27.4956, 22.4037 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

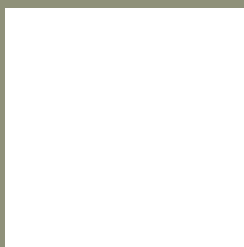
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9659, 27.4956, 22.4037

Background



This preview shows how black text looks on a background with the XYZ color 24.9659, 27.4956, 22.4037.



This preview shows how white text looks on a background with the XYZ color 24.9659, 27.4956,

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

24.9659, 27.4956, 22.4037

Protanopia

26.0361, 27.6047, 22.0451

Deuteranopia

27.9735, 27.4995, 22.5725



Tritanopia

27.2250, 27.5198, 33.5827

Trichromacy



Original Color

24.9659, 27.4956, 22.4037

Protanomaly

25.6372, 27.6229, 22.0697

Deuteranomaly

26.8103, 27.5477, 22.6431

Tritanomaly

26.3348, 27.3801, 29.0962

Monochromacy



Original Color

24.9659, 27.4956, 22.4037

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3510, 27.1450, 26.8250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9659, 27.4956, 22.4037 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(143, 145, 122)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 122)  
}
```

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(143, 145, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 122) }
```

Border

The CSS property to change the border of an element to XYZ 24.9659, 27.4956, 22.4037 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(143, 145, 122) }
```


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

```
.border{ border-color:rgb(143, 145, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 122);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9659, 27.4956, 22.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 122) }
```

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

```
.background{ background-color: rgb(143,  
145, 122) }
```

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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