

Converting Colors

XYZ(23.1024, 27.8843, 24.2083)

Have a look what the booklet for
XYZ(23.1024, 27.8843, 24.2083)
contains.

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Color

**XYZ(23.0658, 27.8765,
24.2437)**

Conversions

Conversions Part 1

Format	Color
Hex	7B977F
RGB	123, 151, 127
RGB Percent	48%, 59%, 50%
CMY	0.5176, 0.4078, 0.5020
CMYK	0.19, 0.00, 0.16, 0.41
HSL	129°, 12%, 54%
HSV	129°, 19%, 59%
XYZ	23.0658, 27.8765, 24.2437
YIQ	139.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

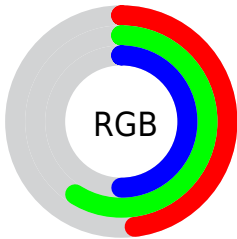
Format	Color
RYB	123, 148, 151
Decimal	8099711
CIELab	59.78, -14.75, 9.43
CIELCh	60, 17.507, 147.411
Yxy	27.8765, 0.3068, 0.3708
Android (android.graphics.Color)	4286289791 (0xFF7B977F)
YUV	139.8920, -6.3558, -14.8143
Hunter-Lab	52.7982, -14.4161, 9.7342

Details

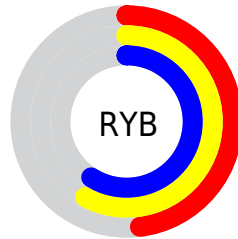
The XYZ color **23.0658, 27.8765, 24.2437** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1130, 22.8525, 30.6925**, and the grayscale version is **24.9124, 26.2097, 28.5424**.

A 20% lighter version of the original color is **47.9740, 56.1880, 51.4969**, and **8.7564, 11.1202, 8.8926** is the 20% darker color. If you saturate the color by 10%, you get **20.2800, 26.5325, 19.9893**, and if you desaturate by 10%, it is **26.2947, 29.4381, 29.0858**.

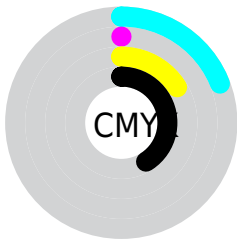
Distribution



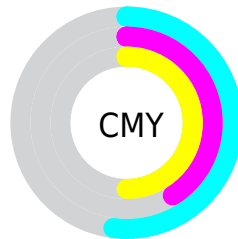
- Red (48%)
- Green (59%)
- Blue (50%)



- Red (48%)
- Yellow (58%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0658, 27.8765, 24.2437 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 23.0658, 27.8765, 24.2437 by changing the saturation by 10% instead.

■ 23.0658, 27.8765,
24.2437

■ 23.0658, 27.8765,
24.2437

260.5918,
291.8763, 287.3764

■ 14.7631, 18.2326,
15.3006

■ 47.9672, 56.2872,
51.3764

■ 8.7385, 11.1171,
8.8817

■ 65.2966, 75.8228,
70.4031

■ 4.6267, 6.1457,
4.5683

■ 86.3656, 99.4244,
93.6281

■ 2.0625, 2.9338,
1.9420

111.5395,
127.4764, 121.4699

■ 0.6687, 1.0973,
0.5193

141.1837,
160.3632, 154.3471

■ 0.0000, 0.0000,
0.0000

175.6636,

198.4692, 192.6782

215.3445,
242.1788, 236.8818

■ 23.0658, 27.8765,
24.2437

■ 23.0658, 27.8765,
24.2437

■ 20.2800, 26.5325,
19.9893

■ 26.2947, 29.4381,
29.0858

■ 17.9158, 25.3929,
16.2985

■ 29.9827, 31.2225,
34.5347

■ 15.9531, 24.4488,
13.1481

■ 34.1475, 33.2393,
40.6113

■ 14.3694, 23.6891,
10.5127

■ 38.8054, 35.4966,
47.3346

■ 13.1399, 23.1015,
8.3650

■ 43.9718, 38.0018,
54.7228

■ 12.2369, 22.6724,
6.6749

■ 49.6616, 40.7622,
62.7937

■ 11.6283, 22.3861,
5.4092

■ 55.8889, 43.7848,
71.5641

■ 11.2539, 22.2122,
4.5290

■ 62.6673, 47.0763,
81.0504

■ 11.2079, 22.1906,
4.4300

■ 68.5590, 49.8951,
91.2004

Harmonies

Analogous

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



24.5824, 27.8765, 20.7584



23.0658, 27.8765, 24.2437



22.4635, 27.8765, 29.8048

Triad

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



23.0658, 27.8765, 24.2437



26.3038, 27.8765, 44.2464



30.4607, 27.8765, 25.0750

Complementary

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



23.0658, 27.8765, 24.2437



25.1130, 22.8525, 30.6925

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.



30.9838, 27.8765, 30.9074



23.0658, 27.8765, 24.2437



28.5059, 27.8765, 42.5241

Square

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



23.0658, 27.8765, 24.2437



24.2666, 27.8765, 41.8376



30.2500, 27.8765, 37.4105



28.8574, 27.8765, 21.1893

Rectangle

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



23.0658, 27.8765, 24.2437



22.6349, 27.8765, 34.1520



30.2500, 27.8765, 37.4105



30.7725, 27.8765, 26.8463

Sweetspot

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



23.0666, 27.8777, 24.2443



48.6125, 53.4546, 54.3505



26.7234, 29.7924, 23.0813



10.9644, 12.1086, 12.2277



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.0666, 27.8777, 24.2443



39.2709, 48.9396, 40.3248



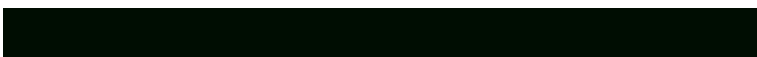
24.0238, 28.2606, 29.2850



6.1663, 6.9393, 6.7993



9.5412, 18.8799, 3.8048



0.1507, 0.2855, 0.0995

Inverse Universe

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



25.1130, 22.8525, 30.6925



43.5863, 38.3409, 53.9213



24.0985, 22.4468, 25.3503



6.4233, 6.3085, 7.6090



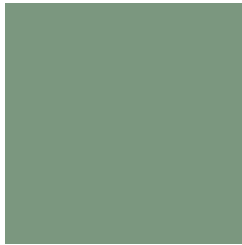
14.2607, 6.9585, 18.4294



0.2223, 0.1077, 0.3235

Previews

White Background



This preview shows how the XYZ color 23.0658, 27.8765, 24.2437 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 23.0658, 27.8765, 24.2437 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

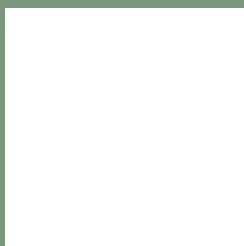
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0658, 27.8765, 24.2437

Background



This preview shows how black text looks on a background with the XYZ color 23.0658, 27.8765, 24.2437.



This preview shows how white text looks on a background with the XYZ color 23.0658, 27.8765,

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

23.0658, 27.8765, 24.2437

Protanopia

26.1601, 27.6543, 22.6979

Deuteranopia

28.3661, 27.8635, 25.0022



Tritanopia

25.5074, 27.9253, 36.3935

Trichromacy



Original Color

23.0658, 27.8765, 24.2437

Protanomaly

24.9015, 27.6757, 23.0983

Deuteranomaly

25.9977, 27.5258, 24.7117

Tritanomaly

24.4605, 27.7220, 31.6654

Monochromacy



Original Color

23.0658, 27.8765, 24.2437

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1779, 26.7641, 26.8133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0658, 27.8765, 24.2437 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(123, 151, 127)` looks like.

```
.text, #text, p{  
    color:rgb(123, 151, 127)  
}
```

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(123, 151, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 151, 127) }
```

Border

The CSS property to change the border of an element to XYZ 23.0658, 27.8765, 24.2437 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(123, 151, 127) }
```


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

```
.border{ border-color:rgb(123, 151, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 151, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 151, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 151, 127);  
box-shadow:4px 4px 4px 4px rgb(123, 151,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0658, 27.8765, 24.2437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 151, 127) }
```

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

```
.background{ background-color: rgb(123,  
151, 127) }
```

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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