

Converting Colors

XYZ(23.1299, 27.8836, 25.0538)

Have a look what the booklet for
XYZ(23.1299, 27.8836, 25.0538)
contains.

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Color

**XYZ(23.0551, 27.8558,
24.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9781
RGB	122, 151, 129
RGB Percent	48%, 59%, 51%
CMY	0.5216, 0.4078, 0.4941
CMYK	0.19, 0.00, 0.15, 0.41
HSL	134°, 12%, 54%
HSV	134°, 19%, 59%
XYZ	23.0551, 27.8558, 24.9304
YIQ	139.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

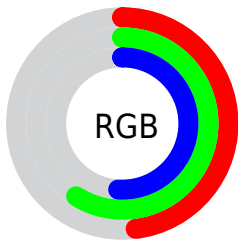
Format	Color
RYB	122, 145, 151
Decimal	8034177
CIELab	59.76, -14.72, 8.26
CIELCh	60, 16.879, 150.688
Yxy	27.8558, 0.3040, 0.3673
Android (android.graphics.Color)	4286224257 (0xFF7A9781)
YUV	139.8210, -5.3348, -15.6290
Hunter-Lab	52.7786, -14.3890, 8.9389

Details

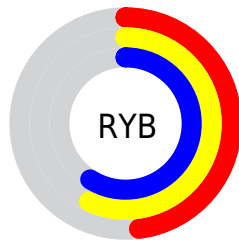
The XYZ color **23.0551, 27.8558, 24.9304** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7571, 22.5127, 29.4274**, and the grayscale version is **24.8813, 26.1771, 28.5068**.

A 20% lighter version of the original color is **47.9540, 56.1540, 52.5673**, and **8.7528, 11.1100, 9.2725** is the 20% darker color. If you saturate the color by 10%, you get **20.3617, 26.5512, 21.0500**, and if you desaturate by 10%, it is **26.1677, 29.3682, 29.2773**.

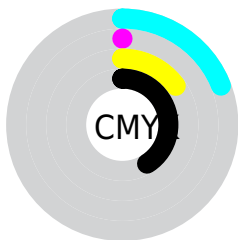
Distribution



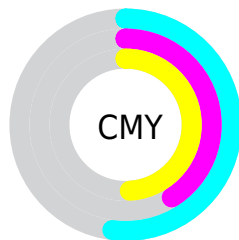
- Red (48%)
- Green (59%)
- Blue (51%)



- Red (48%)
- Yellow (57%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0551, 27.8558, 24.9304 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 23.0551, 27.8558, 24.9304 by changing the saturation by 10% instead.

■ 23.0551, 27.8558,
24.9304

■ 23.0551, 27.8558,
24.9304

260.5379,
291.7772, 290.9277

■ 14.7551, 18.2170,
15.8067

■ 47.9498, 56.2541,
52.5070

■ 8.7329, 11.1059,
9.2346

■ 65.2752, 75.7825,
71.7970

■ 4.6231, 6.1381,
4.7956

■ 86.3398, 99.3761,
95.3127

■ 2.0603, 2.9292,
2.0712

111.5089,
127.4193, 123.4728

■ 0.6675, 1.0949,
0.5986

141.1479,
160.2967, 156.6959

■ 0.0000, 0.0000,
0.0000

175.6222,

198.3926, 195.4003

215.2971,
242.0913, 240.0048

■ 23.0551, 27.8558,
24.9304

■ 23.0551, 27.8558,
24.9304

■ 20.3617, 26.5512,
21.0500

■ 26.1677, 29.3682,
29.2773

■ 18.0671, 25.4418,
17.6187

■ 29.7142, 31.0933,
34.1037

■ 16.1525, 24.5192,
14.6208

■ 33.7113, 33.0403,
39.4242

■ 14.5970, 23.7728,
12.0390

■ 38.1743, 35.2167,
45.2523

■ 13.3772, 23.1911,
9.8548

■ 43.1177, 37.6297,
51.6010

■ 12.4670, 22.7609,
8.0483

■ 48.5552, 40.2862,
58.4830

■ 11.8364, 22.4673,
6.5977

■ 54.5003, 43.1927,
65.9102

■ 11.4217, 22.2779,
5.4778

■ 60.9657, 46.3557,
73.8943

■ 11.3925, 22.2644,
5.4021

■ 66.8872, 49.2263,
82.3964

Harmonies

Analogous

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



24.4356, 27.8558, 21.3008



23.0551, 27.8558, 24.9304



22.5794, 27.8558, 30.4717

Triad

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



23.0551, 27.8558, 24.9304



26.5254, 27.8558, 43.6721



30.1660, 27.8558, 24.7164

Complementary

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



23.0551, 27.8558, 24.9304



24.7571, 22.5127, 29.4274

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.



30.7972, 27.8558, 30.1892



23.0551, 27.8558, 24.9304



28.6272, 27.8558, 41.6069

Square

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



23.0551, 27.8558, 24.9304



24.5166, 27.8558, 41.7815



30.2198, 27.8558, 36.4584



28.5373, 27.8558, 21.1894

Rectangle

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



23.0551, 27.8558, 24.9304



22.8180, 27.8558, 34.6767



30.2198, 27.8558, 36.4584



30.5057, 27.8558, 26.3631

Sweetspot

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



23.0559, 27.8570, 24.9310



48.7366, 53.5043, 55.0042



26.1230, 29.4901, 22.7280



10.9952, 12.1209, 12.3895



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.



23.0559, 27.8570, 24.9310



39.1462, 48.8472, 41.5894



24.0717, 28.2633, 30.2804



6.1902, 6.9488, 6.9253



9.7012, 18.9439, 4.6474



0.1576, 0.2882, 0.1357

Inverse Universe

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



24.7571, 22.5127, 29.4274



42.7578, 37.4988, 51.1328



23.7343, 22.1035, 24.0414



6.3975, 6.2981, 7.4731



13.4797, 6.6461, 14.3171



0.2153, 0.1049, 0.2867

Previews

White Background



This preview shows how the XYZ color 23.0551, 27.8558, 24.9304 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 23.0551, 27.8558, 24.9304 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 23.0551, 27.8558, 24.9304

Background



This preview shows how black text looks on a background with the XYZ color 23.0551, 27.8558, 24.9304.



This preview shows how white text looks on a background with the XYZ color 23.0551, 27.8558,

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

23.0551, 27.8558, 24.9304

Protanopia

26.1018, 27.6096, 23.3555

Deuteranopia

28.2978, 27.8126, 25.7067



Tritanopia

25.4441, 27.8827, 36.8417

Trichromacy



Original Color

23.0551, 27.8558, 24.9304

Protanomaly

24.8600, 27.6396, 23.7634

Deuteranomaly

25.9518, 27.4867, 25.4104

Tritanomaly

24.3926, 27.6779, 32.0737

Monochromacy



Original Color

23.0551, 27.8558, 24.9304

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.0901, 26.7106, 27.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0551, 27.8558, 24.9304 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(122, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 129)  
}
```

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(122, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.0551, 27.8558, 24.9304 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(122, 151, 129) }
```


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

```
.border{ border-color:rgb(122, 151, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0551, 27.8558, 24.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 151, 129) }
```

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

```
.background{ background-color: rgb(122,  
151, 129) }
```

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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