

Converting Colors

XYZ(23.2661, 27.2467, 24.2833)

Have a look what the booklet for
XYZ(23.2661, 27.2467, 24.2833)
contains.

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Color

**XYZ(23.3883, 27.3275,
24.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	809480
RGB	128, 148, 128
RGB Percent	50%, 58%, 50%
CMY	0.4980, 0.4196, 0.4980
CMYK	0.14, 0.00, 0.14, 0.42
HSL	120°, 9%, 54%
HSV	120°, 14%, 58%
XYZ	23.3883, 27.3275, 24.4641
YIQ	139.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

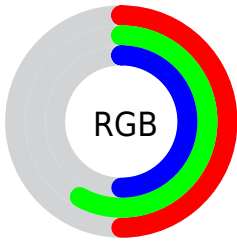
Format	Color
R_{YB}	128, 148, 148
Decimal	8426624
CIE _{Lab}	59.28, -11.15, 8.20
CIE _{LCh}	59, 13.837, 143.657
Yxy	27.3275, 0.3111, 0.3635
Android (android.graphics.Color)	4286616704 (0xFF809480)
YUV	139.7400, -5.7878, -10.2960
Hunter-Lab	52.2757, -11.6211, 8.8463

Details

The XYZ color **23.3883, 27.3275, 24.4641** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2782, 23.8731, 31.2940**, and the grayscale version is **24.8503, 26.1444, 28.4713**.

A 20% lighter version of the original color is **48.5171, 55.4010, 51.8524**, and **8.9104, 10.7762, 9.0075** is the 20% darker color. If you saturate the color by 10%, you get **20.4183, 25.9017, 19.6055**, and if you desaturate by 10%, it is **26.8267, 28.9799, 30.0876**.

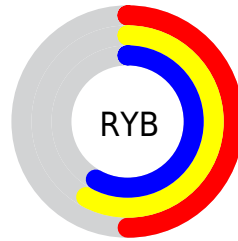
Distribution



Red (50%)

Green (58%)

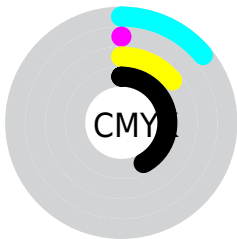
Blue (50%)



Red (50%)

Yellow (58%)

Blue (58%)

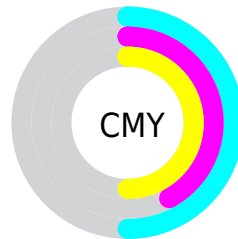


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3883, 27.3275, 24.4641 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 23.3883, 27.3275, 24.4641 by changing the saturation by 10% instead.

■ 23.3883, 27.3275,
24.4641

■ 23.3883, 27.3275,
24.4641

262.2114,
289.2393, 288.5202

■ 15.0028, 17.8193,
15.4629

■ 48.4921, 55.4090,
51.7398

■ 8.9076, 10.8204,
8.9947

■ 65.9411, 74.7510,
70.8513

■ 4.7376, 5.9462,
4.6409

■ 87.1419, 98.1399,
94.1700

■ 2.1273, 2.8124,
1.9831

112.4600,
125.9599, 122.1145

■ 0.7040, 1.0346,
0.5449

142.2606,
158.5954, 155.1032

■ 0.0000, 0.0000,
0.0000

176.9091,

196.4309, 193.5547

216.7710,
239.8508, 237.8875

■ 23.3883, 27.3275,
24.4641

■ 23.3883, 27.3275,
24.4641

■ 20.4183, 25.9017,
19.6055

■ 26.8267, 28.9799,
30.0876

■ 17.8943, 24.6893,
15.4770

■ 30.7501, 30.8645,
36.5051

■ 15.7955, 23.6811,
12.0440

■ 35.1771, 32.9911,
43.7464

■ 14.0985, 22.8659,
9.2682

■ 40.1248, 35.3677,
51.8393

■ 12.7776, 22.2314,
7.1076

■ 45.6093, 38.0022,
60.8101

■ 11.8042, 21.7639,
5.5155

■ 51.6459, 40.9019,
70.6843

■ 11.1457, 21.4476,
4.4384

■ 58.2497, 44.0740,
81.4860

■ 10.7632, 21.2638,
3.8127

■ 65.4348, 47.5254,
93.2386

■ 10.5904, 21.1808,
3.5301

■ 69.8804, 49.6608,
100.5101

Harmonies

Analogous

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



24.6633, 27.3275, 21.8616



23.3883, 27.3275, 24.4641



22.8094, 27.3275, 28.7159

Triad

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



23.3883, 27.3275, 24.4641



25.6086, 27.3275, 40.2509



29.1381, 27.3275, 26.0974

Complementary

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



23.3883, 27.3275, 24.4641



25.2782, 23.8731, 31.2940

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.



29.4185, 27.3275, 30.8188



23.3883, 27.3275, 24.4641



27.3303, 27.3275, 39.3508

Square

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



23.3883, 27.3275, 24.4641



24.0541, 27.3275, 38.0975



28.7435, 27.3275, 35.7585



27.9934, 27.3275, 22.7290

Rectangle

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



23.3883, 27.3275, 24.4641



22.8770, 27.3275, 32.0590



28.7435, 27.3275, 35.7585



29.3386, 27.3275, 27.5641

Sweetspot

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



23.3890, 27.3287, 24.4647



46.9667, 50.9557, 52.4879



26.6479, 28.9311, 24.6022



10.6188, 11.5827, 11.8138



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.3890, 27.3287, 24.4647



39.7151, 47.4724, 40.6265



24.0562, 27.5955, 27.9778



5.7296, 6.4684, 6.1870



9.0455, 18.0910, 3.0152



0.1107, 0.2214, 0.0369

Inverse Universe

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



25.2782, 23.8731, 31.2940



43.6641, 40.2490, 54.9021



24.5444, 23.5796, 27.4300



6.0353, 5.9092, 7.2922



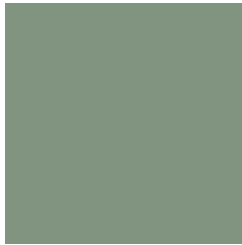
14.9973, 7.2040, 24.5311



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 23.3883, 27.3275, 24.4641 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 23.3883, 27.3275, 24.4641 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 23.3883, 27.3275, 24.4641

Background



This preview shows how black text looks on a background with the XYZ color 23.3883, 27.3275, 24.4641.



This preview shows how white text looks on a background with the XYZ color 23.3883, 27.3275,

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

23.3883, 27.3275, 24.4641

Protanopia

25.7691, 27.2162, 23.2971

Deuteranopia

27.6729, 27.0801, 24.8876



Tritanopia

25.6469, 27.3334, 35.3766

Trichromacy



Original Color

23.3883, 27.3275, 24.4641

Protanomaly

24.7237, 27.1156, 23.6694

Deuteranomaly

25.8818, 27.0243, 24.6210

Tritanomaly

24.6738, 27.1514, 31.1344

Monochromacy



Original Color

23.3883, 27.3275, 24.4641

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.4197, 26.6567, 27.1508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3883, 27.3275, 24.4641 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(128, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 128)  
}
```

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(128, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.3883, 27.3275, 24.4641 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(128, 148, 128) }
```


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

```
.border{ border-color:rgb(128, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3883, 27.3275, 24.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 128) }
```

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

```
.background{ background-color: rgb(128,  
148, 128) }
```

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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