

Converting Colors

XYZ(23.5279, 27.0873, 17.6240)

Have a look what the booklet for
XYZ(23.5279, 27.0873, 17.6240)
contains.

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Color

**XYZ(23.5279, 27.0873,
17.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	8B926A
RGB	139, 146, 106
RGB Percent	55%, 57%, 42%
CMY	0.4549, 0.4274, 0.5843
CMYK	0.05, 0.00, 0.27, 0.43
HSL	71°, 16%, 49%
HSV	71°, 27%, 57%
XYZ	23.5279, 27.0873, 17.6240
YIQ	139.3470, 8.6680, -13.9240

Conversions

Conversions Part 2

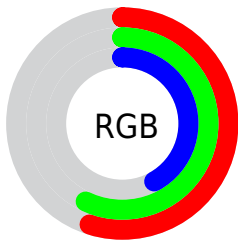
Format	Color
R_{YB}	106, 146, 113
Decimal	9146986
CIE Lab	59.06, -9.57, 20.41
CIE LCh	59, 22.541, 115.121
Yxy	27.0873, 0.3448, 0.3969
Android (android.graphics.Color)	4287337066 (0xFF8B926A)
YUV	139.3470, -16.4401, -0.3043
Hunter-Lab	52.0455, -10.3861, 16.3546

Details

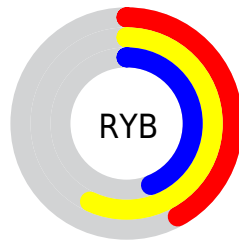
The XYZ color **23.5279, 27.0873, 17.6240** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1533, 15.8948, 29.3595**, and the grayscale version is **24.7341, 26.0222, 28.3382**.

A 20% lighter version of the original color is **48.8182, 55.1146, 40.4129**, and **8.9711, 10.7459, 5.6043** is the 20% darker color. If you saturate the color by 10%, you get **22.4108, 26.5927, 13.9402**, and if you desaturate by 10%, it is **24.7856, 27.6412, 21.9903**.

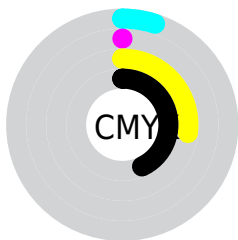
Distribution



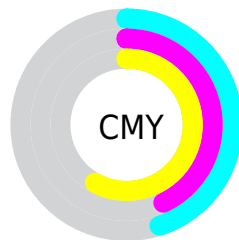
- Red (55%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5279, 27.0873, 17.6240 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 23.5279, 27.0873, 17.6240 by changing the saturation by 10% instead.

■ 23.5279, 27.0873,
17.6240

■ 23.5279, 27.0873,
17.6240

262.9099,
288.0796, 250.9076

■ 15.1066, 17.6388,
10.5137

■ 48.7190, 55.0239,
40.2008

■ 8.9811, 10.6910,
5.6309

■ 66.2195, 74.2808,
56.5045

■ 4.7858, 5.8594,
2.5568

■ 87.4772, 97.5760,
76.7097

■ 2.1556, 2.7598,
0.8700

■ 112.8574,
125.2938, 101.2349

■ 0.7192, 1.0077,
0.0000

142.7253,
157.8187, 130.4988

■ 0.0000, 0.0000,
0.0000

177.4465,

195.5350, 164.9199

217.3863,
238.8272, 204.9166

■ 23.5279, 27.0873,
17.6240

■ 23.5279, 27.0873,
17.6240

■ 22.4108, 26.5927,
13.9402

■ 24.7856, 27.6412,
21.9903

■ 21.4258, 26.1511,
10.9027

■ 26.1881, 28.2532,
27.0695

■ 20.5662, 25.7608,
8.4747

■ 27.7418, 28.9269,
32.8921

■ 19.8241, 25.4186,
6.6147

■ 29.4521, 29.6644,
39.4865

■ 19.1908, 25.1211,
5.2762

■ 31.3242, 30.4679,
46.8794

■ 18.6558, 24.8640,
4.4055

■ 33.3631, 31.3391,
55.0964

■ 18.2007, 24.6400,
3.9058

■ 35.5733, 32.2802,
64.1619

■ 18.0869, 24.5837,
3.7919

■ 37.9594, 33.2928,
74.0992

■ 40.5258, 34.3787,
84.9308

Harmonies

Analogous

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



26.2061, 27.0873, 16.6479



23.5279, 27.0873, 17.6240



21.5783, 27.0873, 21.5288

Triad

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



23.5279, 27.0873, 17.6240



22.7892, 27.0873, 44.0302



31.4886, 27.0873, 30.8237

Complementary

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



23.5279, 27.0873, 17.6240



17.1533, 15.8948, 29.3595

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.



30.4177, 27.0873, 39.2140



23.5279, 27.0873, 17.6240



25.2907, 27.0873, 47.6696

Square

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



23.5279, 27.0873, 17.6240



21.1740, 27.0873, 36.5324



28.0986, 27.0873, 45.7646



30.9321, 27.0873, 23.4223

Rectangle

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



23.5279, 27.0873, 17.6240



20.8869, 27.0873, 25.7103



28.0986, 27.0873, 45.7646



31.3049, 27.0873, 33.6306

Sweetspot

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



23.5286, 27.0885, 17.6246



45.9982, 49.7531, 47.0212



20.3245, 18.8884, 16.2107



10.1539, 11.0338, 10.1712



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.



23.5286, 27.0885, 17.6246



40.2408, 47.2249, 26.8785



20.5349, 25.5452, 17.4845



6.1669, 6.6939, 6.2075



15.9323, 21.6413, 3.3375



0.2160, 0.2757, 0.0418

Inverse Universe

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



17.1533, 15.8948, 29.3595



27.0393, 24.0391, 51.1884



19.9635, 17.3435, 29.4910



5.5886, 5.6789, 7.2713



4.9450, 2.0218, 24.0607



0.0782, 0.0339, 0.2953

Previews

White Background



This preview shows how the XYZ color 23.5279, 27.0873, 17.6240 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 23.5279, 27.0873, 17.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

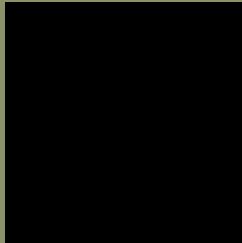
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5279, 27.0873, 17.6240

Background



This preview shows how black text looks on a background with the XYZ color 23.5279, 27.0873, 17.6240.



This preview shows how white text looks on a background with the XYZ color 23.5279, 27.0873,

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

23.5279, 27.0873, 17.6240

Protanopia

25.1206, 27.0209, 16.9883

Deuteranopia

27.4473, 26.9065, 17.9342



Tritanopia

26.6411, 27.0103, 33.0875

Trichromacy



Original Color

23.5279, 27.0873, 17.6240

Protanomaly

24.4049, 26.8679, 17.2643

Deuteranomaly

25.9366, 26.9858, 17.7517

Tritanomaly

25.3739, 26.9349, 26.7833

Monochromacy



Original Color

23.5279, 27.0873, 17.6240

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1512, 26.3673, 23.8952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5279, 27.0873, 17.6240 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(139, 146, 106)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 106)  
}
```

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(139, 146, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 106) }
```

Border

The CSS property to change the border of an element to XYZ 23.5279, 27.0873, 17.6240 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(139, 146, 106) }
```


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

```
.border{ border-color:rgb(139, 146, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 146, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 106);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5279, 27.0873, 17.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 106) }
```

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

```
.background{ background-color: rgb(139,  
146, 106) }
```

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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