

Converting Colors

XYZ(23.4092, 27.4769, 17.9854)

Have a look what the booklet for
XYZ(23.4092, 27.4769, 17.9854)
contains.

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Color

**XYZ(23.3971, 27.4756,
17.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	88946B
RGB	136, 148, 107
RGB Percent	53%, 58%, 42%
CMY	0.4667, 0.4196, 0.5804
CMYK	0.08, 0.00, 0.28, 0.42
HSL	78°, 16%, 50%
HSV	78°, 28%, 58%
XYZ	23.3971, 27.4756, 17.9801
YIQ	139.7380, 6.0090, -15.2950

Conversions

Conversions Part 2

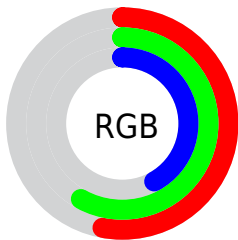
Format	Color
R_{YB}	107, 148, 119
Decimal	8950891
CIE _{Lab}	59.41, -11.69, 20.30
CIE _{LCh}	59, 23.422, 119.944
Yxy	27.4756, 0.3398, 0.3990
Android (android.graphics.Color)	4287140971 (0xFF88946B)
YUV	139.7380, -16.1398, -3.2782
Hunter-Lab	52.4172, -12.0542, 16.3544

Details

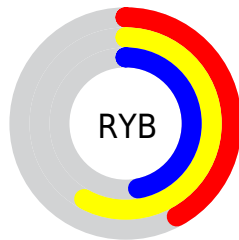
The XYZ color **23.3971, 27.4756, 17.9801** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2119, 16.5762, 30.2582**, and the grayscale version is **24.8852, 26.1811, 28.5113**.

A 20% lighter version of the original color is **48.6137, 55.6914, 40.9882**, and **8.9019, 10.8436, 5.7615** is the 20% darker color. If you saturate the color by 10%, you get **21.9949, 26.8360, 14.1920**, and if you desaturate by 10%, it is **24.9625, 28.1856, 22.4728**.

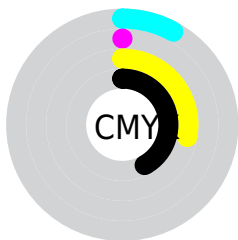
Distribution



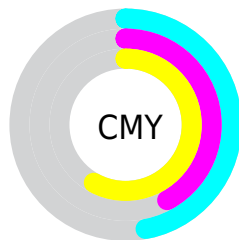
- Red (53%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3971, 27.4756, 17.9801 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 23.3971, 27.4756, 17.9801 by changing the saturation by 10% instead.

■ 23.3971, 27.4756,
17.9801

■ 23.3971, 27.4756,
17.9801

262.2555,
289.9526, 252.9912

■ 15.0093, 17.9307,
10.7664

■ 48.5064, 55.6461,
40.8169

■ 8.9123, 10.9003,
5.7978

■ 65.9587, 75.0406,
57.2771

■ 4.7407, 5.9998,
2.6557

■ 87.1631, 98.4870,
77.6565

■ 2.1291, 2.8450,
0.9210

■ 112.4850,
126.3698, 102.3737

■ 0.7050, 1.0513,
0.0000

142.2899,
159.0733, 131.8472

■ 0.0000, 0.0000,
0.0000

176.9430,

196.9821, 166.4956

216.8098,
240.4803, 206.7375

■ 23.3971, 27.4756,
17.9801

■ 23.3971, 27.4756,
17.9801

■ 21.9949, 26.8360,
14.1920

■ 24.9625, 28.1856,
22.4728

■ 20.7466, 26.2602,
11.0709

■ 26.6956, 28.9652,
27.7014

■ 19.6452, 25.7465,
8.5784

■ 28.6034, 29.8179,
33.6977

■ 18.6823, 25.2913,
6.6718

■ 30.6916, 30.7462,
40.4911

■ 17.8483, 24.8908,
5.3025

■ 32.9659, 31.7524,
48.1092

■ 17.1322, 24.5405,
4.4147

■ 35.4317, 32.8386,
56.5785

■ 16.5139, 24.2325,
3.9046

■ 38.0939, 34.0070,
65.9243

■ 16.3782, 24.1646,
3.8010

■ 40.9576, 35.2594,
76.1708

■ 44.0273, 36.5979,
87.3413

Harmonies

Analogous

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



26.1203, 27.4756, 16.4865



23.3971, 27.4756, 17.9801



21.5271, 27.4756, 22.5275

Triad

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



23.3971, 27.4756, 17.9801



23.3882, 27.4756, 46.2047



32.1764, 27.4756, 29.9321

Complementary

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



23.3971, 27.4756, 17.9801



18.2119, 16.5762, 30.2582

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.



31.3118, 27.4756, 38.7661



23.3971, 27.4756, 17.9801



26.1092, 27.4756, 49.1706

Square

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



23.3971, 27.4756, 17.9801



21.5222, 27.4756, 38.7335



29.0351, 27.4756, 46.2258



31.3181, 27.4756, 22.5503

Rectangle

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



23.3971, 27.4756, 17.9801



20.9414, 27.4756, 27.1811



29.0351, 27.4756, 46.2258



32.0768, 27.4756, 32.8290

Sweetspot

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



23.3978, 27.4768, 17.9807



46.9544, 51.0393, 48.4252



21.4189, 20.4609, 16.7308



10.6169, 11.6055, 10.7424



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.



23.3978, 27.4768, 17.9807



39.7743, 47.7914, 27.5979



20.4316, 25.9477, 17.8419



6.1018, 6.6603, 6.2044



14.0168, 20.6538, 3.2478



0.2010, 0.2680, 0.0411

Inverse Universe

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



18.2119, 16.5762, 30.2582



29.1321, 25.4142, 52.8046



21.2709, 18.1532, 30.4013



5.6496, 5.7103, 7.2742



5.4530, 2.2837, 24.0844



0.0933, 0.0416, 0.2960

Previews

White Background



This preview shows how the XYZ color 23.3971, 27.4756, 17.9801 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 23.3971, 27.4756, 17.9801 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 23.3971, 27.4756, 17.9801

Background



This preview shows how black text looks on a background with the XYZ color 23.3971, 27.4756, 17.9801.



This preview shows how white text looks on a background with the XYZ color 23.3971, 27.4756,

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

23.3971, 27.4756, 17.9801

Protanopia

25.5091, 27.4371, 17.3160

Deuteranopia

27.8544, 27.3203, 18.2733



Tritanopia

26.5781, 27.3967, 34.0243

Trichromacy



Original Color

23.3971, 27.4756, 17.9801

Protanomaly

24.7595, 27.4944, 17.6377

Deuteranomaly

25.9420, 27.2004, 18.0703

Tritanomaly

25.2324, 27.2995, 27.2320

Monochromacy



Original Color

23.3971, 27.4756, 17.9801

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3662, 26.6924, 24.2900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3971, 27.4756, 17.9801 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(136, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(136, 148, 107)  
}
```

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(136, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 148, 107) }
```

Border

The CSS property to change the border of an element to XYZ 23.3971, 27.4756, 17.9801 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(136, 148, 107) }
```


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

```
.border{ border-color:rgb(136, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(136, 148,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3971, 27.4756, 17.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 148, 107) }
```

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

```
.background{ background-color: rgb(136,  
148, 107) }
```

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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