

Converting Colors

XYZ(19.6397, 23.7396, 17.4570)

Have a look what the booklet for
XYZ(19.6397, 23.7396, 17.4570)
contains.

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Color

**XYZ(19.6397, 23.7396,
17.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	778C6B
RGB	119, 140, 107
RGB Percent	47%, 55%, 42%
CMY	0.5333, 0.4510, 0.5804
CMYK	0.15, 0.00, 0.24, 0.45
HSL	98°, 13%, 48%
HSV	98°, 24%, 55%
XYZ	19.6397, 23.7396, 17.4570
YIQ	129.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

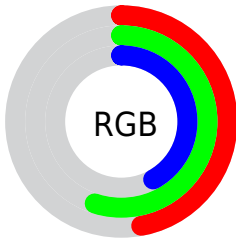
Format	Color
RYB	107, 140, 128
Decimal	7834731
CIELab	55.83, -14.00, 15.19
CIELCh	56, 20.654, 132.664
Yxy	23.7396, 0.3228, 0.3902
Android (android.graphics.Color)	4286024811 (0xFF778C6B)
YUV	129.9590, -11.3188, -9.6110
Hunter-Lab	48.7233, -13.3149, 12.8634

Details

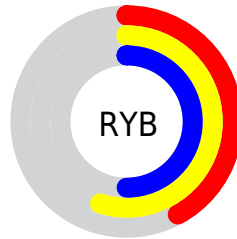
The XYZ color **19.6397, 23.7396, 17.4570** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8943, 16.9986, 27.0973**, and the grayscale version is **21.2434, 22.3497, 24.3388**.

A 20% lighter version of the original color is **42.4766, 49.8229, 39.7258**, and **6.9714, 8.9302, 5.4939** is the 20% darker color. If you saturate the color by 10%, you get **17.7961, 22.8682, 13.8322**, and if you desaturate by 10%, it is **21.7185, 24.7198, 21.7164**.

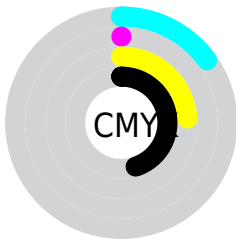
Distribution



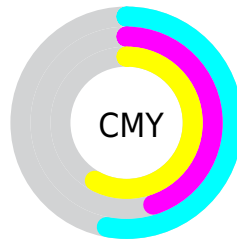
- Red (47%)
- Green (55%)
- Blue (42%)



- Red (42%)
- Yellow (55%)
- Blue (50%)



- Cyan (15%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6397, 23.7396, 17.4570 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 19.6397, 23.7396, 17.4570 by changing the saturation by 10% instead.

■ 19.6397, 23.7396,
17.4570

■ 19.6397, 23.7396,
17.4570

242.8288,
271.5013, 249.9248

■ 12.2402, 15.1406,
10.3955

■ 42.3209, 49.6049,
39.9112

■ 6.9808, 8.9181,
5.5529

■ 58.3332, 67.6400,
56.1410

■ 3.4963, 4.6878,
2.5108

■ 77.9471, 89.5892,
76.2639

■ 1.4213, 2.0653,
0.8459

■ 101.5280,
115.8370, 100.6985

■ 0.2714, 0.6450,
0.0000

129.4413,
146.7677, 129.8634

■ 0.0000, 0.0000,
0.0000

162.0523,

182.7657, 164.1771

199.7263,
224.2155, 204.0580

■ 19.6397, 23.7396,
17.4570

■ 19.6397, 23.7396,
17.4570

■ 17.7961, 22.8682,
13.8322

■ 21.7185, 24.7198,
21.7164

■ 16.1770, 22.0988,
10.8101

■ 24.0389, 25.8096,
26.6371

■ 14.7735, 21.4281,
8.3585

■ 26.6096, 27.0133,
32.2463

■ 13.5754, 20.8516,
6.4412

■ 29.4381, 28.3344,
38.5690

■ 12.5715, 20.3645,
5.0184

■ 32.5316, 29.7761,
45.6292

■ 11.7493, 19.9614,
4.0443

■ 35.8970, 31.3415,
53.4495

■ 11.0943, 19.6359,
3.4638

■ 39.5410, 33.0334,
62.0518

■ 10.7391, 19.4584,
3.1898

■ 43.4700, 34.8547,
71.4569

■ 47.6902, 36.8083,
81.6850

Harmonies

Analogous

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



21.5882, 23.7396, 15.1721



19.6397, 23.7396, 17.4570



18.5218, 23.7396, 22.1831

Triad

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



19.6397, 23.7396, 17.4570



21.2448, 23.7396, 40.2635



27.2627, 23.7396, 23.1154

Complementary

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



19.6397, 23.7396, 17.4570



18.8943, 16.9986, 27.0973

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.



27.1548, 23.7396, 29.8967



19.6397, 23.7396, 17.4570



23.5684, 23.7396, 40.6312

Square

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



19.6397, 23.7396, 17.4570



19.4034, 23.7396, 35.6410



25.7646, 23.7396, 36.5724



26.0500, 23.7396, 18.0371

Rectangle

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



19.6397, 23.7396, 17.4570



18.3468, 23.7396, 26.4542



25.7646, 23.7396, 36.5724



27.3820, 23.7396, 25.2519

Sweetspot

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



19.6403, 23.7406, 17.4575



40.8673, 44.7918, 43.7217



21.1761, 22.0502, 17.0503



9.3703, 10.2993, 9.9755



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6403, 23.7406, 17.4575



32.9432, 41.0591, 27.4335



18.3335, 23.0395, 18.6359



5.1324, 5.6910, 5.3804



9.5619, 17.2993, 2.8351



0.0786, 0.1227, 0.0195

Inverse Universe

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



18.8943, 16.9986, 27.0973



31.4017, 27.1446, 47.3273



20.4893, 17.8577, 25.5118



5.0604, 5.0396, 6.3119



7.8968, 3.5851, 22.3215



0.0686, 0.0321, 0.1490

Previews

White Background



This preview shows how the XYZ color 19.6397, 23.7396, 17.4570 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 19.6397, 23.7396, 17.4570 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 19.6397, 23.7396, 17.4570

Background



This preview shows how black text looks on a background with the XYZ color 19.6397, 23.7396, 17.4570.



This preview shows how white text looks on a background with the XYZ color 19.6397, 23.7396,

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

19.6397, 23.7396, 17.4570

Protanopia

22.0415, 23.5253, 16.4758

Deuteranopia

23.9971, 23.5110, 17.7413



Tritanopia

22.3097, 23.7632, 30.6050

Trichromacy



Original Color

19.6397, 23.7396, 17.4570

Protanomaly

21.1855, 23.6966, 16.8219

Deuteranomaly

22.1134, 23.3360, 17.5262

Tritanomaly

21.2789, 23.7682, 25.2960

Monochromacy



Original Color

19.6397, 23.7396, 17.4570

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.6421, 22.8910, 21.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6397, 23.7396, 17.4570 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(119, 140, 107)` looks like.

```
.text, #text, p{  
    color:rgb(119, 140, 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(119, 140, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 140, 107) }
```

Border

The CSS property to change the border of an element to XYZ 19.6397, 23.7396, 17.4570 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(119, 140, 107) }
```


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

```
.border{ border-color:rgb(119, 140, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 140, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 140, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 140, 107); box-shadow:4px 4px 4px 4px rgb(119, 140, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6397, 23.7396, 17.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 140, 107) }
```

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

```
.background{ background-color: rgb(119,  
140, 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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