

Converting Colors

XYZ(19.4887, 17.5550, 23.8317)

Have a look what the booklet for
XYZ(19.4887, 17.5550, 23.8317)
contains.

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Color

**XYZ(19.4510, 17.5147,
23.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	876C83
RGB	135, 108, 131
RGB Percent	53%, 42%, 51%
CMY	0.4706, 0.5765, 0.4863
CMYK	0.00, 0.20, 0.03, 0.47
HSL	309°, 11%, 48%
HSV	309°, 20%, 53%
XYZ	19.4510, 17.5147, 23.8282
YIQ	118.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

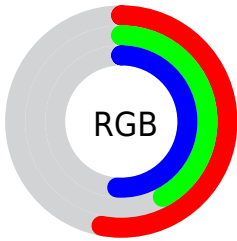
Format	Color
R_{YB}	135, 108, 131
Decimal	8875139
CIE Lab	48.90, 14.90, -8.62
CIE LCh	49, 17.214, 329.935
Yxy	17.5147, 0.3199, 0.2881
Android (android.graphics.Color)	4287065219 (0xFF876C83)
YUV	118.6950, 6.0664, 14.2995
Hunter-Lab	41.8506, 9.7234, -4.4622

Details

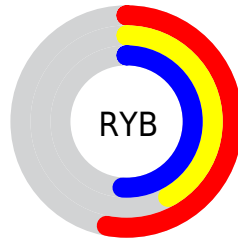
The XYZ color **19.4510, 17.5147, 23.8282** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.7737, 21.6865, 18.5794**, and the grayscale version is **17.4182, 18.3253, 19.9563**.

A 20% lighter version of the original color is **41.9616, 39.2937, 50.7202**, and **6.8852, 5.7722, 8.7339** is the 20% darker color. If you saturate the color by 10%, you get **18.0019, 14.8311, 22.6828**, and if you desaturate by 10%, it is **21.1243, 20.6418, 25.0616**.

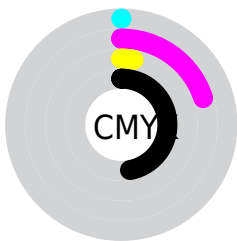
Distribution



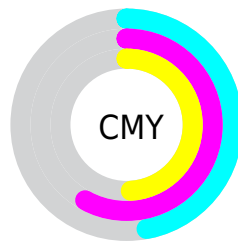
- Red (53%)
- Green (42%)
- Blue (51%)



- Red (53%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4510, 17.5147, 23.8282 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 19.4510, 17.5147, 23.8282 by changing the saturation by 10% instead.

■ 19.4510, 17.5147,
23.8282

■ 19.4510, 17.5147,
23.8282

241.8180,
238.1212, 285.2093

■ 12.1025, 10.6021,
14.9952

■ 42.0058, 39.2086,
50.6900

■ 6.8863, 5.8000,
8.6694

■ 57.9429, 54.7588,
69.5559

■ 3.4368, 2.7238,
4.4323

■ 77.4735, 73.9569,
92.6032

■ 1.3887, 0.9893,
1.8654

■ 100.9631, 97.1874,
120.2504

■ 0.2482, 0.0000,
0.4706

128.7770,
124.8347, 152.9161

■ 0.0000, 0.0000,
0.0000

161.2805,

157.2832, 191.0188

198.8391,
194.9172, 234.9770

■ 19.4510, 17.5147,
23.8282

■ 19.4510, 17.5147,
23.8282

■ 18.0019, 14.8311,
22.6828

■ 21.1243, 20.6418,
25.0616

■ 16.7653, 12.5686,
21.6210

■ 23.0296, 24.2292,
26.3851

■ 15.7307, 10.7060,
20.6392

■ 25.1764, 28.2953,
27.8022

■ 14.8862, 9.2196,
19.7335

■ 27.5732, 32.8570,
29.3158

■ 14.2188, 8.0831,
18.8995

■ 30.2280, 37.9305,
30.9285

■ 13.7135, 7.2668,
18.1320

■ 33.1484, 43.5311,
32.6431

■ 13.3530, 6.7361,
17.4253

■ 36.3419, 49.6733,
34.4620

■ 13.0862, 6.3888,
16.7623

■ 39.8155, 56.3715,
36.3877

■ 13.0862, 6.3887,
16.7622

■ 43.5760, 63.6391,
38.4225

Harmonies

Analogous

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



18.2283, 17.5147, 27.7594



19.4510, 17.5147, 23.8282



19.9133, 17.5147, 19.0804

Triad

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



19.4510, 17.5147, 23.8282



16.6507, 17.5147, 11.5539



14.1236, 17.5147, 23.8083

Complementary

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



19.4510, 17.5147, 23.8282



17.7737, 21.6865, 18.5794

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.



13.7593, 17.5147, 19.0606



19.4510, 17.5147, 23.8282



15.1603, 17.5147, 12.4152

Square

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



19.4510, 17.5147, 23.8282



18.2347, 17.5147, 12.4226



14.1267, 17.5147, 14.9925



15.1546, 17.5147, 27.7467

Rectangle

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



19.4510, 17.5147, 23.8282



19.7065, 17.5147, 16.2243



14.1267, 17.5147, 14.9925



13.9221, 17.5147, 22.2315

Sweetspot

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



19.4515, 17.5155, 23.8286



39.0970, 39.3476, 45.7760



16.3678, 15.8938, 25.1272



9.0122, 9.0331, 10.5717



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.4515, 17.5155, 23.8286



33.6066, 29.0884, 41.7214



18.6190, 17.1824, 19.4443



4.8290, 4.7513, 5.7120



12.0707, 5.8926, 15.4765



0.0438, 0.0212, 0.0642

Inverse Universe

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



19.4515, 17.5155, 23.8286



33.6066, 29.0884, 41.7214



18.5570, 21.9999, 22.7045



4.8290, 4.7513, 5.7120



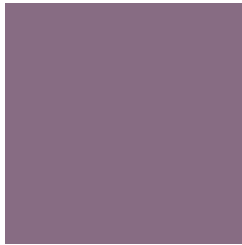
12.0707, 5.8926, 15.4765



0.0438, 0.0212, 0.0642

Previews

White Background



This preview shows how the XYZ color 19.4510, 17.5147, 23.8282 looks on a white background.

Color Contrast Check

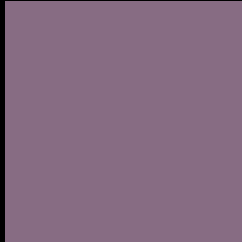
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.4510, 17.5147, 23.8282 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

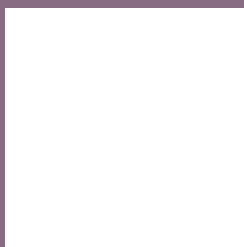
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4510, 17.5147, 23.8282

Background



This preview shows how black text looks on a background with the XYZ color 19.4510, 17.5147, 23.8282.



This preview shows how white text looks on a background with the XYZ color 19.4510, 17.5147,

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

19.4510, 17.5147, 23.8282

Protanopia

17.3847, 17.5498, 25.7637

Deuteranopia

17.8195, 17.4869, 23.5552



Tritanopia

18.5786, 17.4703, 19.8457

Trichromacy



Original Color

19.4510, 17.5147, 23.8282

Protanomaly

17.9824, 17.3745, 24.9601

Deuteranomaly

18.3179, 17.4162, 23.5153

Tritanomaly

18.8753, 17.4357, 21.1095

Monochromacy



Original Color

19.4510, 17.5147, 23.8282

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1633, 18.0515, 21.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4510, 17.5147, 23.8282 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(135, 108, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 108, 131)  
}
```

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(135, 108, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 108, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.4510, 17.5147, 23.8282 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(135, 108, 131) }
```


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

```
.border{ border-color:rgb(135, 108, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 108, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 108, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 108, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 108,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4510, 17.5147, 23.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 108, 131) }
```

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

```
.background{ background-color: rgb(135,  
108, 131) }
```

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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