

Converting Colors

XYZ(23.9716, 27.5507, 17.5407)

Have a look what the booklet for
XYZ(23.9716, 27.5507, 17.5407)
contains.

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Color

**XYZ(23.9680, 27.5501,
17.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9369
RGB	141, 147, 105
RGB Percent	55%, 58%, 41%
CMY	0.4471, 0.4235, 0.5882
CMYK	0.04, 0.00, 0.29, 0.42
HSL	69°, 17%, 49%
HSV	69°, 29%, 58%
XYZ	23.9680, 27.5501, 17.4190
YIQ	140.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

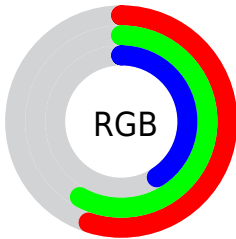
Format	Color
RYB	105, 147, 111
Decimal	9278313
CIELab	59.48, -9.46, 21.57
CIElCh	59, 23.548, 113.676
Yxy	27.5501, 0.3477, 0.3996
Android (android.graphics.Color)	4287468393 (0xFF8D9369)
YUV	140.4180, -17.4611, 0.5104
Hunter-Lab	52.4882, -10.3448, 17.0654

Details

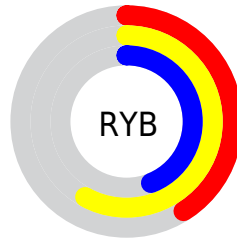
The XYZ color **23.9680, 27.5501, 17.4190** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.8747, 15.5899, 29.7251**, and the grayscale version is **25.1538, 26.4637, 28.8190**.

A 20% lighter version of the original color is **49.4781, 55.8097, 40.0629**, and **9.2297, 11.0185, 5.5112** is the 20% darker color. If you saturate the color by 10%, you get **22.9232, 27.0922, 13.7613**, and if you desaturate by 10%, it is **25.1516, 28.0662, 21.7662**.

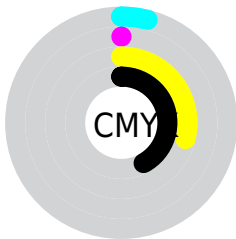
Distribution



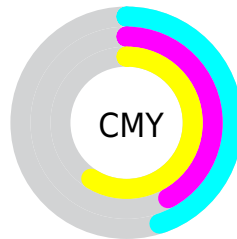
- Red (55%)
- Green (58%)
- Blue (41%)



- Red (41%)
- Yellow (58%)
- Blue (44%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9680, 27.5501, 17.4190 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 23.9680, 27.5501, 17.4190 by changing the saturation by 10% instead.

■ 23.9680, 27.5501,
17.4190

■ 23.9680, 27.5501,
17.4190

265.1021,
290.3108, 249.7007

■ 15.4345, 17.9868,
10.3686

■ 49.4330, 55.7653,
39.8453

■ 9.2132, 10.9405,
5.5352

■ 67.0953, 75.1861,
56.0582

■ 4.9387, 6.0268,
2.5004

■ 88.5311, 98.6614,
76.1623

■ 2.2457, 2.8614,
0.8404

■ 114.1059,
126.5757, 100.5763

■ 0.7667, 1.0598,
0.0000

144.1851,
159.3134, 129.7185

■ 0.0000, 0.0000,
0.0000

179.1340,

197.2589, 164.0077

219.3178,
240.7966, 203.8622

■ 23.9680, 27.5501,
17.4190

■ 23.9680, 27.5501,
17.4190

■ 22.9232, 27.0922,
13.7613

■ 25.1516, 28.0662,
21.7662

■ 22.0083, 26.6862,
10.7559

■ 26.4783, 28.6393,
26.8339

■ 21.2168, 26.3302,
8.3648

■ 27.9545, 29.2730,
32.6536

■ 20.5404, 26.0211,
6.5454

■ 29.5859, 29.9696,
39.2540

■ 19.9701, 25.7552,
5.2498

■ 31.3775, 30.7311,
46.6628

■ 19.4952, 25.5282,
4.4220

■ 33.3346, 31.5596,
54.9059

■ 19.0930, 25.3310,
3.9433

■ 35.4617, 32.4569,
64.0084

■ 19.0372, 25.3036,
3.8807

■ 37.7636, 33.4249,
73.9940

■ 40.2445, 34.4654,
84.8858

Harmonies

Analogous

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



26.8168, 27.5501, 16.5489



23.9680, 27.5501, 17.4190



21.8665, 27.5501, 21.3486

Triad

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



23.9680, 27.5501, 17.4190



22.9599, 27.5501, 45.1226



32.2531, 27.5501, 31.8270

Complementary

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



23.9680, 27.5501, 17.4190



16.8747, 15.5899, 29.7251

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.



31.0389, 27.5501, 40.7139



23.9680, 27.5501, 17.4190



25.5643, 27.5501, 49.2674

Square

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



23.9680, 27.5501, 17.4190



21.3158, 27.5501, 37.0231



28.5358, 27.5501, 47.5185



31.7456, 27.5501, 23.9219

Rectangle

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



23.9680, 27.5501, 17.4190



21.0991, 27.5501, 25.6494



28.5358, 27.5501, 47.5185



32.0300, 27.5501, 34.8109

Sweetspot

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



23.9687, 27.5513, 17.4196



47.2631, 51.2201, 47.4590



20.2243, 18.5055, 15.8709



10.7134, 11.6598, 10.5410



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.



23.9687, 27.5513, 17.4196



41.7467, 48.8226, 27.0383



20.7858, 25.9105, 17.2706



6.1848, 6.7031, 6.2083



16.5190, 21.9437, 3.3649



0.2201, 0.2778, 0.0420

Inverse Universe

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



16.8747, 15.5899, 29.7251



26.9967, 23.9460, 52.6338



19.7722, 17.0837, 29.8607



5.5721, 5.6704, 7.2705



4.8478, 1.9717, 24.0561



0.0741, 0.0318, 0.2951

Previews

White Background



This preview shows how the XYZ color 23.9680, 27.5501, 17.4190 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 23.9680, 27.5501, 17.4190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

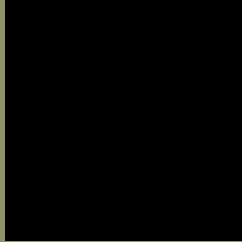
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9680, 27.5501, 17.4190

Background



This preview shows how black text looks on a background with the XYZ color 23.9680, 27.5501, 17.4190.



This preview shows how white text looks on a background with the XYZ color 23.9680, 27.5501,

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

23.9680, 27.5501, 17.4190

Protanopia

25.5971, 27.4942, 16.7898

Deuteranopia

27.9617, 27.3879, 17.7226



Tritanopia

27.2250, 27.5198, 33.5827

Trichromacy



Original Color

23.9680, 27.5501, 17.4190

Protanomaly

24.8664, 27.3356, 17.0624

Deuteranomaly

26.4245, 27.4613, 17.5435

Tritanomaly

25.8727, 27.4139, 26.8495

Monochromacy



Original Color

23.9680, 27.5501, 17.4190

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.4684, 26.7527, 23.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9680, 27.5501, 17.4190 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(141, 147, 105)` looks like.

```
.text, #text, p{  
    color:rgb(141, 147, 105)  
}
```

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(141, 147, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 147, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.9680, 27.5501, 17.4190 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(141, 147, 105) }
```


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

```
.border{ border-color:rgb(141, 147, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 147, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 147, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 147, 105);  
box-shadow:4px 4px 4px 4px rgb(141, 147,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9680, 27.5501, 17.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 147, 105) }
```

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

```
.background{ background-color: rgb(141,  
147, 105) }
```

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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