

Converting Colors

XYZ(19.1842, 19.0273, 24.5435)

Have a look what the booklet for
XYZ(19.1842, 19.0273, 24.5435)
contains.

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Color

**XYZ(19.1007, 18.9828,
24.4871)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7684
RGB	125, 118, 132
RGB Percent	49%, 46%, 52%
CMY	0.5098, 0.5372, 0.4824
CMYK	0.05, 0.11, 0.00, 0.48
HSL	270°, 6%, 49%
HSV	270°, 11%, 52%
XYZ	19.1007, 18.9828, 24.4871
YIQ	121.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

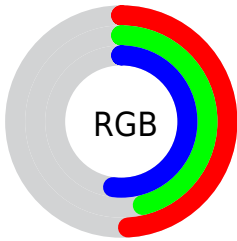
Format	Color
R_{YB}	125, 118, 132
Decimal	8222340
CIE _{Lab}	50.67, 5.51, -6.68
CIE _{LCh}	51, 8.661, 309.516
Yxy	18.9828, 0.3053, 0.3034
Android (android.graphics.Color)	4286412420 (0xFF7D7684)
YUV	121.6890, 5.0833, 2.9037
Hunter-Lab	43.5693, 2.0080, -2.8241

Details

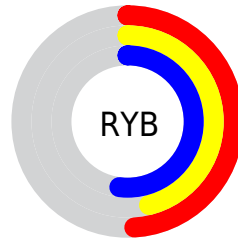
The XYZ color **19.1007, 18.9828, 24.4871** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9795, 22.1710, 20.3669**, and the grayscale version is **18.3818, 19.3391, 21.0603**.

A 20% lighter version of the original color is **41.4918, 41.7172, 51.7643**, and **6.7320, 6.5414, 9.0914** is the 20% darker color. If you saturate the color by 10%, you get **16.7220, 15.6086, 23.9615**, and if you desaturate by 10%, it is **21.7621, 22.8267, 25.0891**.

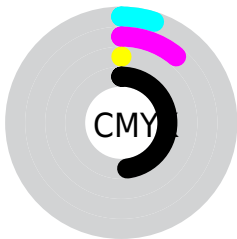
Distribution



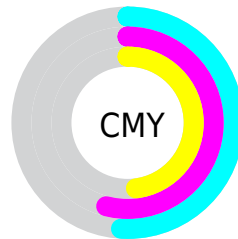
- Red (49%)
- Green (46%)
- Blue (52%)



- Red (49%)
- Yellow (46%)
- Blue (52%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1007, 18.9828, 24.4871 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 19.1007, 18.9828, 24.4871 by changing the saturation by 10% instead.

■ 19.1007, 18.9828,
24.4871

■ 19.1007, 18.9828,
24.4871

239.9316,
246.3538, 288.6394

■ 11.8475, 11.6579,
15.4798

■ 41.4197, 41.7050,
51.7777

■ 6.7114, 6.5112,
9.0065

■ 57.2163, 57.8711,
70.8980

■ 3.3270, 3.1583,
4.6485

■ 76.5914, 77.7530,
94.2265

■ 1.3289, 1.2149,
1.9875

99.9103, 101.7351,
122.1816

■ 0.2047, 0.0738,
0.5475

127.5384,
130.2019, 155.1819

■ 0.0000, 0.0000,
0.0000

159.8411,

163.5376, 193.6460

197.1837,
202.1268, 237.9923

■ 19.1007, 18.9828,
24.4871

■ 19.1007, 18.9828,
24.4871

■ 16.7220, 15.6086,
23.9615

■ 21.7621, 22.8267,
25.0891

■ 14.6142, 12.6832,
23.5079

■ 24.7143, 27.1555,
25.7690

■ 12.7669, 10.1874,
23.1235

■ 27.9669, 31.9866,
26.5301

■ 11.1684, 8.0998,
22.8048

■ 31.5287, 37.3358,
27.3749

■ 9.8061, 6.3972,
22.5480

■ 35.4081, 43.2183,
28.3058

8.6661, 5.0538,
22.3488

39.6132, 49.6484,
29.3253

7.7327, 4.0406,
22.2024

44.1516, 56.6403,
30.4357

6.9880, 3.3238,
22.1033

49.0310, 64.2072,
31.6391

6.4109, 2.8238,
22.0372

54.2584, 72.3622,
32.9376

Harmonies

Analogous

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



18.3136, 18.9828, 25.6280



19.1007, 18.9828, 24.4871



19.6144, 18.9828, 22.3476

Triad

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



19.1007, 18.9828, 24.4871



18.6195, 18.9828, 16.5938



16.4809, 18.9828, 21.4512

Complementary

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



19.1007, 18.9828, 24.4871



19.9795, 22.1710, 20.3669

Split Complementary

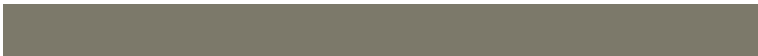
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.5570, 18.9828, 19.0767



19.1007, 18.9828, 24.4871



17.7742, 18.9828, 16.3949

Square

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



19.1007, 18.9828, 24.4871



19.3307, 18.9828, 17.8363



17.0243, 18.9828, 17.2700



16.8130, 18.9828, 23.7869

Rectangle

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



19.1007, 18.9828, 24.4871



19.7236, 18.9828, 20.7085



17.0243, 18.9828, 17.2700



16.4599, 18.9828, 20.6296

Sweetspot

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



19.1013, 18.9836, 24.4875



37.1322, 38.4633, 43.9202



19.0000, 20.2446, 24.7363



8.5623, 8.8350, 10.2067



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.1013, 18.9836, 24.4875



32.4727, 31.7626, 42.8725



20.1231, 19.5104, 24.5353



4.6398, 4.6504, 5.8538



6.2134, 2.7373, 21.3376



0.0299, 0.0138, 0.0743

Inverse Universe

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



19.6965, 19.3440, 22.0988



33.7755, 32.5513, 37.6446



19.0249, 21.6789, 20.3223



4.7625, 4.7247, 5.3615



10.1688, 5.1319, 5.4613



0.0389, 0.0192, 0.0383

Previews

White Background



This preview shows how the XYZ color 19.1007, 18.9828, 24.4871 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 19.1007, 18.9828, 24.4871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

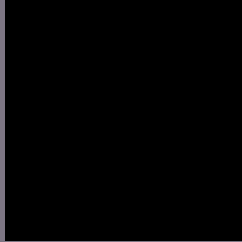
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.1007, 18.9828, 24.4871

Background



This preview shows how black text looks on a background with the XYZ color 19.1007, 18.9828, 24.4871.



This preview shows how white text looks on a background with the XYZ color 19.1007, 18.9828,

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

19.1007, 18.9828, 24.4871

Protanopia

18.5579, 19.0483, 24.8889

Deuteranopia

19.2785, 18.9005, 24.4619



Tritanopia

18.8053, 19.0373, 23.1055

Trichromacy



Original Color

19.1007, 18.9828, 24.4871

Protanomaly

18.7156, 18.9521, 24.8620

Deuteranomaly

19.1303, 18.8241, 24.4549

Tritanomaly

18.8715, 19.0637, 23.4539

Monochromacy



Original Color

19.1007, 18.9828, 24.4871

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.7716, 19.3921, 22.4923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1007, 18.9828, 24.4871 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(125, 118, 132) looks like.

```
.text, #text, p{  
    color:rgb(125, 118, 132)  
}
```

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(125, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 118, 132) }
```

Border

The CSS property to change the border of an element to XYZ 19.1007, 18.9828, 24.4871 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(125, 118, 132) }
```


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

```
.border{ border-color:rgb(125, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 118,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1007, 18.9828, 24.4871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 118, 132) }
```

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

```
.background{ background-color: rgb(125,  
118, 132) }
```

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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