

Converting Colors

XYZ(19.8574, 26.4659, 23.9119)

Have a look what the booklet for
XYZ(19.8574, 26.4659, 23.9119)
contains.

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Color

**XYZ(19.8180, 26.4496,
23.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	60987E
RGB	96, 152, 126
RGB Percent	38%, 60%, 49%
CMY	0.6235, 0.4039, 0.5059
CMYK	0.37, 0.00, 0.17, 0.40
HSL	152°, 23%, 49%
HSV	152°, 37%, 60%
XYZ	19.8180, 26.4496, 23.7994
YIQ	132.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

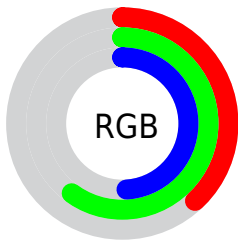
Format	Color
R _Y B	96, 132, 152
Decimal	6330494
CIE Lab	58.46, -24.46, 7.91
CIE LCh	58, 25.710, 162.090
Yxy	26.4496, 0.2828, 0.3775
Android (android.graphics.Color)	4284520574 (0xFF60987E)
YUV	132.2920, -3.1020, -31.8281
Hunter-Lab	51.4292, -21.2169, 8.5633

Details

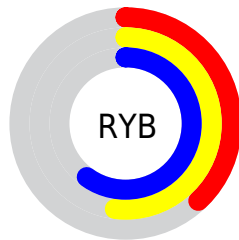
The XYZ color **19.8180, 26.4496, 23.7994** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6455, 16.4470, 20.4999**, and the grayscale version is **22.0554, 23.2040, 25.2692**.

A 20% lighter version of the original color is **42.8439, 54.2699, 50.8648**, and **7.1199, 10.4240, 8.6580** is the 20% darker color. If you saturate the color by 10%, you get **17.9314, 25.5285, 21.4174**, and if you desaturate by 10%, it is **22.0474, 27.5451, 26.3663**.

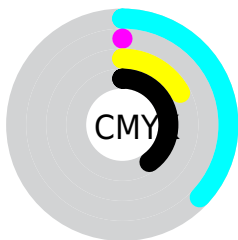
Distribution



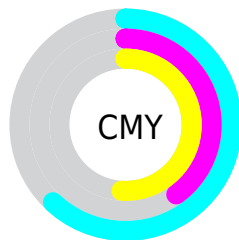
- Red (38%)
- Green (60%)
- Blue (49%)



- Red (38%)
- Yellow (52%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8180, 26.4496, 23.7994 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 19.8180, 26.4496, 23.7994 by changing the saturation by 10% instead.

■ 19.8180, 26.4496,
23.7994

■ 19.8180, 26.4496,
23.7994

243.7805,
284.9822, 285.0586

■ 12.3703, 17.1603,
14.9741

■ 42.6181, 53.9994,
50.6424

■ 7.0704, 10.3488,
8.6548

■ 58.7012, 73.0286,
69.4971

■ 3.5529, 5.6309,
4.4230

■ 78.3936, 96.0733,
92.5320

■ 1.4524, 2.6219,
1.8601

■ 102.0604,
123.5179, 120.1657

■ 0.2931, 0.9377,
0.4672

130.0672,
155.7466, 152.8166

■ 0.0000, 0.0000,
0.0000

162.7793,

193.1440, 190.9034

200.5619,
236.0944, 234.8445

■ 19.8180, 26.4496,
23.7994

■ 19.8180, 26.4496,
23.7994

■ 17.9314, 25.5285,
21.4174

■ 22.0474, 27.5451,
26.3663

■ 16.3670, 24.7692,
19.2143

■ 24.6345, 28.8206,
29.1205

■ 15.1049, 24.1621,
17.1861

■ 27.5961, 30.2851,
32.0665

■ 14.1225, 23.6958,
15.3280

■ 30.9469, 31.9465,
35.2083

■ 13.3932, 23.3565,
13.6352

■ 34.7012, 33.8118,
38.5494

■ 12.8756, 23.1231,
12.1016

■ 38.8723, 35.8880,
42.0936

■ 12.7300, 23.0579,
11.6485

■ 43.4729, 38.1814,
45.8444

■ 48.5152, 40.6984,
49.8052

■ 54.0109, 43.4448,
53.9793

Harmonies

Analogous

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



21.3036, 26.4496, 17.7731



19.8180, 26.4496, 23.7994



19.6828, 26.4496, 32.5772

Triad

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



19.8180, 26.4496, 23.7994



26.4263, 26.4496, 49.2464



29.8945, 26.4496, 18.6887

Complementary

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



19.8180, 26.4496, 23.7994



20.6455, 16.4470, 20.4999

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.



31.5217, 26.4496, 25.3251



19.8180, 26.4496, 23.7994



29.4104, 26.4496, 43.6413

Square

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



19.8180, 26.4496, 23.7994



23.3271, 26.4496, 48.5991



31.3374, 26.4496, 34.4542



27.0435, 26.4496, 15.2735

Rectangle

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



19.8180, 26.4496, 23.7994



20.3608, 26.4496, 39.0034



31.3374, 26.4496, 34.4542



30.6131, 26.4496, 20.5506

Sweetspot

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



19.8187, 26.4507, 23.8000



46.3396, 52.2820, 54.2830



21.3854, 27.4494, 15.2379



10.3862, 11.8107, 12.1924



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.8187, 26.4507, 23.8000



32.2647, 45.3584, 38.6122



21.4199, 26.6102, 33.7143



6.2635, 6.9781, 7.3111



10.6891, 19.3391, 9.8496



0.1782, 0.2965, 0.2440

Inverse Universe

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



20.6455, 16.4470, 20.4999



33.9379, 25.1294, 31.9451



19.4162, 16.2310, 13.1763



6.3221, 6.2680, 7.0765



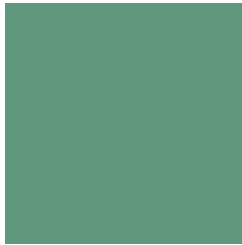
11.8150, 5.9802, 5.5507



0.1948, 0.0967, 0.1784

Previews

White Background



This preview shows how the XYZ color 19.8180, 26.4496, 23.7994 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 19.8180, 26.4496, 23.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

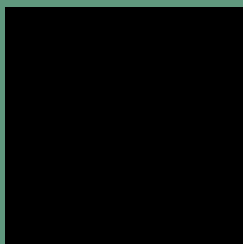
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8180, 26.4496, 23.7994

Background



This preview shows how black text looks on a background with the XYZ color 19.8180, 26.4496, 23.7994.



This preview shows how white text looks on a background with the XYZ color 19.8180, 26.4496,

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

19.8180, 26.4496, 23.7994

Protanopia

24.8009, 26.3153, 21.5415

Deuteranopia

26.5979, 26.1078, 24.7565



Tritanopia

22.4006, 26.3137, 36.6993

Trichromacy



Original Color

19.8180, 26.4496, 23.7994

Protanomaly

22.3882, 25.9409, 22.2395

Deuteranomaly

23.4790, 25.7856, 24.5085

Tritanomaly

21.3807, 26.3682, 31.5664

Monochromacy



Original Color

19.8180, 26.4496, 23.7994

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8696, 23.9989, 24.6514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8180, 26.4496, 23.7994 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(96, 152, 126) looks like.

```
.text, #text, p{  
    color:rgb(96, 152, 126)  
}
```

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(96, 152, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 152, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.8180, 26.4496, 23.7994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

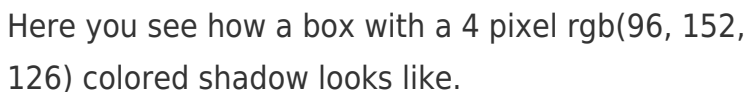
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 152, 126) }
```


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

```
.border{ border-color:rgb(96, 152, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 152, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 152, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 152, 126); box-shadow:4px 4px 4px 4px rgb(96, 152, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8180, 26.4496, 23.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 152, 126) }
```

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

```
.background{ background-color: rgb(96, 152,  
126) }
```

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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