

Converting Colors

XYZ(21.8350, 27.2207, 19.2388)

Have a look what the booklet for
XYZ(21.8350, 27.2207, 19.2388)
contains.

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Color

**XYZ(21.8016, 27.0980,
19.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	7A966F
RGB	122, 150, 111
RGB Percent	48%, 59%, 44%
CMY	0.5216, 0.4118, 0.5647
CMYK	0.19, 0.00, 0.26, 0.41
HSL	103°, 16%, 51%
HSV	103°, 26%, 59%
XYZ	21.8016, 27.0980, 19.1203
YIQ	137.1820, -4.1690, -18.0650

Conversions

Conversions Part 2

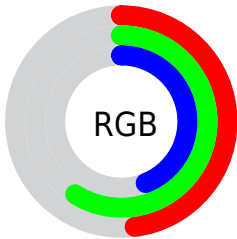
Format	Color
R_{YB}	111, 150, 139
Decimal	8033903
CIE _{Lab}	59.06, -17.49, 17.42
CIE _{LCh}	59, 24.686, 135.101
Yxy	27.0980, 0.3205, 0.3984
Android (android.graphics.Color)	4286223983 (0xFF7A966F)
YUV	137.1820, -12.9077, -13.3146
Hunter-Lab	52.0557, -16.3395, 14.6615

Details

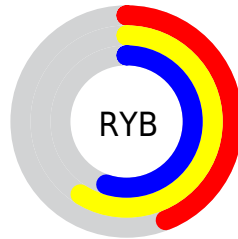
The XYZ color **21.8016, 27.0980, 19.1203** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.8382, 19.0607, 31.3838**, and the grayscale version is **23.8957, 25.1402, 27.3777**.

A 20% lighter version of the original color is **45.8829, 54.9440, 42.8373**, and **8.1067, 10.6990, 6.3405** is the 20% darker color. If you saturate the color by 10%, you get **19.6028, 26.0528, 15.0621**, and if you desaturate by 10%, it is **24.3096, 28.2881, 23.9182**.

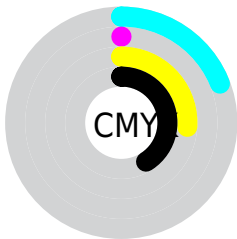
Distribution



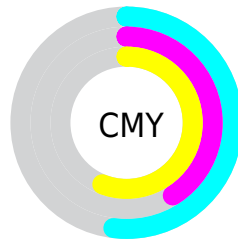
- Red (48%)
- Green (59%)
- Blue (44%)



- Red (44%)
- Yellow (59%)
- Blue (55%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8016, 27.0980, 19.1203 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 21.8016, 27.0980, 19.1203 by changing the saturation by 10% instead.

■ 21.8016, 27.0980,
19.1203

■ 21.8016, 27.0980,
19.1203

254.1603,
288.1313, 259.5569

■ 13.8270, 17.6468,
11.5795

■ 45.8992, 55.0411,
42.7767

■ 8.0813, 10.6967,
6.3390

■ 62.7528, 74.3018,
59.7294

■ 4.1993, 5.8633,
2.9802

■ 83.2969, 97.6012,
80.6565

■ 1.8155, 2.7621,
1.0845

■ 107.8966,
125.3235, 105.9765

■ 0.5270, 1.0088,
0.0000

136.9175,
157.8533, 136.1081

■ 0.0000, 0.0000,
0.0000

170.7249,

195.5750, 171.4696

209.6840,
238.8728, 212.4797

■ 21.8016, 27.0980,
19.1203

■ 21.8016, 27.0980,
19.1203

■ 19.6028, 26.0528,
15.0621

■ 24.3096, 28.2881,
23.9182

■ 17.6987, 25.1436,
11.7051

■ 27.1363, 29.6250,
29.4881

■ 16.0766, 24.3653,
9.0100

■ 30.2936, 31.1148,
35.8627

■ 14.7222, 23.7117,
6.9328

■ 33.7918, 32.7623,
43.0722

■ 13.6197, 23.1755,
5.4245

■ 37.6411, 34.5719,
51.1453

■ 12.7513, 22.7490,
4.4284

■ 41.8510, 36.5482,
60.1093

■ 12.0941, 22.4221,
3.8627

■ 46.4308, 38.6952,
69.9902

■ 11.8741, 22.3125,
3.6809

■ 51.3893, 41.0170,
80.8131

■ 56.7352, 43.5175,
92.6020

Harmonies

Analogous

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



24.2504, 27.0980, 16.0223



21.8016, 27.0980, 19.1203



20.4686, 27.0980, 25.3735

Triad

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



21.8016, 27.0980, 19.1203



24.2696, 27.0980, 49.0130



31.8770, 27.0980, 25.3216

Complementary

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



21.8016, 27.0980, 19.1203



21.8382, 19.0607, 31.3838

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.



31.8832, 27.0980, 34.0625



21.8016, 27.0980, 19.1203



27.3224, 27.0980, 48.9915

Square

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



21.8016, 27.0980, 19.1203



21.8147, 27.0980, 43.1530



30.1614, 27.0980, 43.0989



30.1451, 27.0980, 19.0888

Rectangle

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



21.8016, 27.0980, 19.1203



20.3189, 27.0980, 31.0318



30.1614, 27.0980, 43.0989



32.0852, 27.0980, 28.0293

Sweetspot

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



21.8023, 27.0992, 19.1209



46.7625, 51.7475, 49.7991



24.6735, 26.0837, 18.7736



10.2052, 11.3933, 10.7231



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.



21.8023, 27.0992, 19.1209



36.2313, 46.7553, 29.5678



20.8196, 26.5362, 21.6201



5.8741, 6.5429, 6.1938



9.8758, 18.5190, 3.0540



0.1467, 0.2400, 0.0386

Inverse Universe

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



21.8382, 19.0607, 31.3838



36.3010, 30.1899, 54.8352



23.1119, 19.7932, 28.0180



5.8775, 5.8279, 7.2848



9.6969, 4.4715, 24.2830



0.1476, 0.0696, 0.2986

Previews

White Background



This preview shows how the XYZ color 21.8016, 27.0980, 19.1203 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 21.8016, 27.0980, 19.1203 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 21.8016, 27.0980, 19.1203

Background



This preview shows how black text looks on a background with the XYZ color 21.8016, 27.0980, 19.1203.



This preview shows how white text looks on a background with the XYZ color 21.8016, 27.0980,

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

21.8016, 27.0980, 19.1203

Protanopia

25.2757, 27.0829, 17.8053

Deuteranopia

27.3585, 26.8226, 19.6549



Tritanopia

25.0273, 27.0139, 35.3476

Trichromacy



Original Color

21.8016, 27.0980, 19.1203

Protanomaly

23.8167, 26.9962, 18.1429

Deuteranomaly

24.8999, 26.6316, 19.4508

Tritanomaly

23.6167, 26.8868, 28.7559

Monochromacy



Original Color

21.8016, 27.0980, 19.1203

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.0850, 25.8100, 24.1872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8016, 27.0980, 19.1203 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(122, 150, 111)` looks like.

```
.text, #text, p{  
    color:rgb(122, 150, 111)  
}
```

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(122, 150, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 150, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.8016, 27.0980, 19.1203 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(122, 150, 111) }
```


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

```
.border{ border-color:rgb(122, 150, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 150, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 150, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 150, 111);  
box-shadow:4px 4px 4px 4px rgb(122, 150,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8016, 27.0980, 19.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 150, 111) }
```

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

```
.background{ background-color: rgb(122,  
150, 111) }
```

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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