

Converting Colors

XYZ(21.6877, 25.3377, 19.1651)

Have a look what the booklet for
XYZ(21.6877, 25.3377, 19.1651)
contains.

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Color

**XYZ(21.8004, 25.4819,
19.0987)**

Conversions

Conversions Part 1

Format	Color
Hex	818F70
RGB	129, 143, 112
RGB Percent	51%, 56%, 44%
CMY	0.4941, 0.4392, 0.5608
CMYK	0.10, 0.00, 0.22, 0.44
HSL	87°, 12%, 50%
HSV	87°, 22%, 56%
XYZ	21.8004, 25.4819, 19.0987
YIQ	135.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

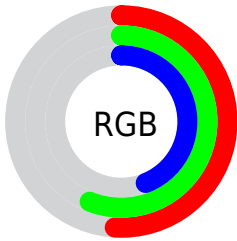
Format	Color
RYB	112, 143, 126
Decimal	8490864
CIELab	57.54, -10.93, 14.84
CIElCh	58, 18.430, 126.364
Yxy	25.4819, 0.3284, 0.3839
Android (android.graphics.Color)	4286680944 (0xFF818F70)
YUV	135.2800, -11.4770, -5.5076
Hunter-Lab	50.4796, -11.2513, 12.9036

Details

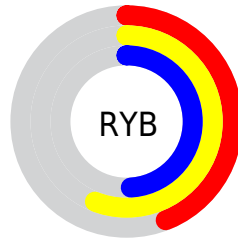
The XYZ color **21.8004, 25.4819, 19.0987** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.3572, 18.0078, 28.4435**, and the grayscale version is **23.1746, 24.3815, 26.5515**.

A 20% lighter version of the original color is **45.9585, 52.5579, 42.8444**, and **8.0642, 9.8611, 6.3288** is the 20% darker color. If you saturate the color by 10%, you get **20.1165, 24.6994, 15.1886**, and if you desaturate by 10%, it is **23.6742, 26.3492, 23.6790**.

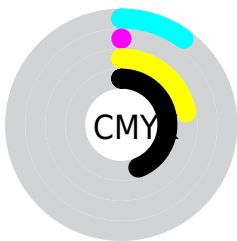
Distribution



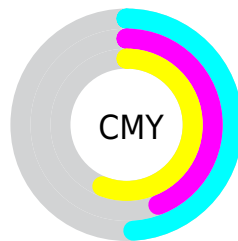
- Red (51%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8004, 25.4819, 19.0987 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 21.8004, 25.4819, 19.0987 by changing the saturation by 10% instead.

■ 21.8004, 25.4819,
19.0987

■ 21.8004, 25.4819,
19.0987

254.1541,
280.2294, 259.4340

■ 13.8261, 16.4365,
11.5641

■ 45.8972, 52.4379,
42.7397

■ 8.0807, 9.8335,
6.3287

■ 62.7504, 71.1173,
59.6832

■ 4.1989, 5.2887,
2.9739

■ 83.2939, 93.7768,
80.6001

■ 1.8152, 2.4176,
1.0813

■ 107.8932,
120.8007, 105.9089

■ 0.5268, 0.8349,
0.0000

136.9134,
152.5736, 136.0281

■ 0.0000, 0.0000,
0.0000

170.7201,

189.4797, 171.3763

209.6786,
231.9035, 212.3721

■ 21.8004, 25.4819,
19.0987

■ 21.8004, 25.4819,
19.0987

■ 20.1165, 24.6994,
15.1886

■ 23.6742, 26.3492,
23.6790

■ 18.6133, 23.9954,
11.9155

■ 25.7425, 27.3008,
28.9571

■ 17.2840, 23.3678,
9.2460

■ 28.0123, 28.3404,
34.9611

■ 16.1203, 22.8132,
7.1431

■ 30.4896, 29.4705,
41.7173

■ 15.1131, 22.3279,
5.5655

■ 33.1802, 30.6936,
49.2503

■ 14.2523, 21.9075,
4.4664

■ 36.0895, 32.0119,
57.5839

■ 13.5260, 21.5473,
3.7907

■ 39.2227, 33.4278,
66.7408

■ 12.9990, 21.2832,
3.4230

■ 42.5851, 34.9432,
76.7426

■ 46.1815, 36.5604,
87.6104

Harmonies

Analogous

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



23.7545, 25.4819, 17.3747



21.8004, 25.4819, 19.0987



20.5522, 25.4819, 23.1720

Triad

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



21.8004, 25.4819, 19.0987



22.5652, 25.4819, 40.3705



28.6655, 25.4819, 26.4259

Complementary

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



21.8004, 25.4819, 19.0987



19.3572, 18.0078, 28.4435

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.



28.2997, 25.4819, 32.8843



21.8004, 25.4819, 19.0987



24.6910, 25.4819, 41.5901

Square

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



21.8004, 25.4819, 19.0987



20.9747, 25.4819, 35.5548



26.8119, 25.4819, 38.6729



27.7834, 25.4819, 21.1725

Rectangle

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



21.8004, 25.4819, 19.0987



20.2437, 25.4819, 26.9852



26.8119, 25.4819, 38.6729



28.6851, 25.4819, 28.5199

Sweetspot

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



21.8011, 25.4830, 19.0993



44.0290, 47.9379, 46.5282



21.7077, 21.9193, 18.4163



10.0547, 10.9738, 10.5627



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.8011, 25.4830, 19.0993



37.5298, 44.9323, 30.6451



19.6289, 24.3632, 18.9976



5.6077, 6.1659, 5.7840



11.5173, 18.8300, 3.0275



0.1355, 0.1931, 0.0301

Inverse Universe

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



19.3572, 18.0078, 28.4435



32.3512, 29.0907, 50.4480



21.8142, 19.2744, 28.5585



5.3464, 5.3668, 6.7829



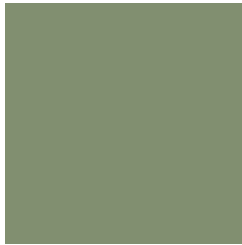
6.3108, 2.7469, 23.1747



0.0852, 0.0391, 0.2227

Previews

White Background



This preview shows how the XYZ color 21.8004, 25.4819, 19.0987 looks on a white background.

Color Contrast Check

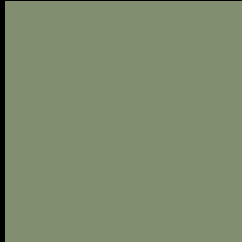
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8004, 25.4819, 19.0987 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

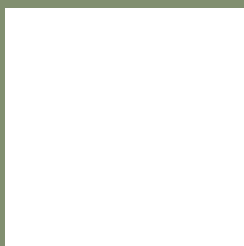
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8004, 25.4819, 19.0987

Background



This preview shows how black text looks on a background with the XYZ color 21.8004, 25.4819, 19.0987.



This preview shows how white text looks on a background with the XYZ color 21.8004, 25.4819,

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

21.8004, 25.4819, 19.0987

Protanopia

23.9356, 25.5058, 18.4134

Deuteranopia

25.9220, 25.4635, 19.4683



Tritanopia

24.3448, 25.4152, 32.0563

Trichromacy



Original Color

21.8004, 25.4819, 19.0987

Protanomaly

23.0625, 25.4793, 18.7414

Deuteranomaly

24.3207, 25.4731, 19.2578

Tritanomaly

23.3377, 25.4393, 26.9728

Monochromacy



Original Color

21.8004, 25.4819, 19.0987

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5921, 24.6958, 23.6547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8004, 25.4819, 19.0987 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(129, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(129, 143, 112)  
}
```

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(129, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 143, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.8004, 25.4819, 19.0987 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(129, 143, 112) }
```


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

```
.border{ border-color:rgb(129, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(129, 143,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8004, 25.4819, 19.0987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 143, 112) }
```

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

```
.background{ background-color: rgb(129,  
143, 112) }
```

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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