

Converting Colors

XYZ(21.1018, 18.5414, 22.2281)

Have a look what the booklet for
XYZ(21.1018, 18.5414, 22.2281)
contains.

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Color

**XYZ(21.0886, 18.5546,
22.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	926D7E
RGB	146, 109, 126
RGB Percent	57%, 43%, 49%
CMY	0.4274, 0.5725, 0.5059
CMYK	0.00, 0.25, 0.14, 0.43
HSL	332°, 15%, 50%
HSV	332°, 25%, 57%
XYZ	21.0886, 18.5546, 22.2086
YIQ	122.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

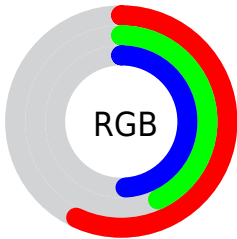
Format	Color
R _Y B	146, 109, 126
Decimal	9596286
CIE Lab	50.16, 17.51, -3.66
CIE LCh	50, 17.893, 348.207
Yxy	18.5546, 0.3410, 0.3000
Android (android.graphics.Color)	4287786366 (0xFF926D7E)
YUV	122.0010, 1.9715, 21.0471
Hunter-Lab	43.0751, 12.0083, -0.4162

Details

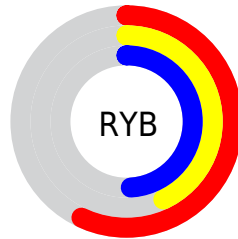
The XYZ color **21.0886, 18.5546, 22.2086** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.5487, 25.3945, 24.5886**, and the grayscale version is **18.4894, 19.4523, 21.1835**.

A 20% lighter version of the original color is **44.7010, 41.0238, 48.2102**, and **7.7276, 6.3062, 7.8311** is the 20% darker color. If you saturate the color by 10%, you get **19.1693, 15.4990, 19.1546**, and if you desaturate by 10%, it is **23.3079, 22.1454, 25.5613**.

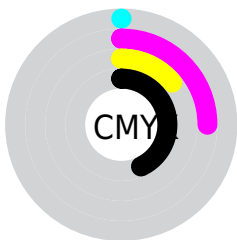
Distribution



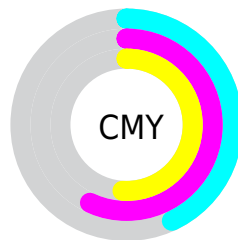
- Red (57%)
- Green (43%)
- Blue (49%)



- Red (57%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (14%)
- Black (43%)



- Cyan (43%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0886, 18.5546, 22.2086 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 21.0886, 18.5546, 22.2086 by changing the saturation by 10% instead.

■ 21.0886, 18.5546,
22.2086

■ 21.0886, 18.5546,
22.2086

250.4718,
243.9787, 276.6227

■ 13.3016, 11.3489,
13.8105

■ 44.7251, 40.9801,
47.9971

■ 7.7150, 6.3020,
7.8517

■ 61.3053, 56.9687,
66.2246

■ 3.9634, 3.0296,
3.9138

■ 81.5474, 76.6537,
88.5656

■ 1.6814, 1.1472,
1.5782

■ 105.8165,
100.4195, 115.4387

■ 0.4446, 0.0179,
0.2752

134.4782,
128.6505, 147.2624

■ 0.0000, 0.0000,
0.0000

167.8977,

161.7311, 184.4553

206.4405,
200.0457, 227.4359

■ 21.0886, 18.5546,
22.2086

■ 21.0886, 18.5546,
22.2086

■ 19.1693, 15.4990,
19.1546

■ 23.3079, 22.1454,
25.5613

■ 17.5347, 12.9501,
16.3890

■ 25.8383, 26.2930,
29.2202

■ 16.1705, 10.8808,
13.9026

■ 28.6924, 31.0209,
33.1939

■ 15.0605, 9.2601,
11.6850

■ 31.8816, 36.3505,
37.4903

■ 14.1867, 8.0536,
9.7251

■ 35.4167, 42.3020,
42.1171

■ 13.5282, 7.2217,
8.0107

■ 39.3079, 48.8948,
47.0817

■ 13.0575, 6.7105,
6.5269

■ 43.5651, 56.1473,
52.3910

■ 12.8696, 6.5172,
5.9018

■ 48.1978, 64.0774,
58.0520

■ 53.2152, 72.7021,
64.0713

Harmonies

Analogous

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



20.2280, 18.5546, 27.2237



21.0886, 18.5546, 22.2086



20.9805, 18.5546, 17.3756

Triad

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



21.0886, 18.5546, 22.2086



16.6186, 18.5546, 12.4509



15.5146, 18.5546, 28.1517

Complementary

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



21.0886, 18.5546, 22.2086



20.5487, 25.3945, 24.5886

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.



14.6666, 18.5546, 23.3212



21.0886, 18.5546, 22.2086



15.2747, 18.5546, 14.5065

Square

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



21.0886, 18.5546, 22.2086



18.3227, 18.5546, 12.2526



14.5817, 18.5546, 18.3216



16.9659, 18.5546, 31.0107

Rectangle

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



21.0886, 18.5546, 22.2086



20.3746, 18.5546, 14.8749



14.5817, 18.5546, 18.3216



15.1537, 18.5546, 26.6716

Sweetspot

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



21.0891, 18.5554, 22.2090



44.2649, 44.2171, 49.6705



19.6705, 17.6598, 29.5663



9.7076, 9.6073, 10.8490



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.



21.0891, 18.5554, 22.2090



35.3554, 29.7794, 36.2766



20.2162, 18.4183, 16.9585



5.9050, 5.8571, 6.6058



11.3362, 5.7395, 5.2516



0.1534, 0.0761, 0.1412

Inverse Universe

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



21.0891, 18.5554, 22.2090



35.3554, 29.7794, 36.2766



21.5854, 25.5066, 30.9800



5.9050, 5.8571, 6.6058



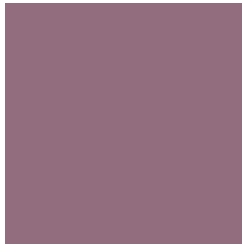
11.3362, 5.7395, 5.2516



0.1534, 0.0761, 0.1412

Previews

White Background



This preview shows how the XYZ color 21.0886, 18.5546, 22.2086 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 21.0886, 18.5546, 22.2086 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 21.0886, 18.5546, 22.2086

Background



This preview shows how black text looks on a background with the XYZ color 21.0886, 18.5546, 22.2086.



This preview shows how white text looks on a background with the XYZ color 21.0886, 18.5546,

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

21.0886, 18.5546, 22.2086

Protanopia

18.2329, 18.7111, 24.4804

Deuteranopia

19.0003, 18.6386, 21.9982



Tritanopia

20.5828, 18.5035, 19.9395

Trichromacy



Original Color

21.0886, 18.5546, 22.2086

Protanomaly

19.0621, 18.4624, 23.6780

Deuteranomaly

19.5985, 18.4418, 21.9287

Tritanomaly

20.7658, 18.5767, 20.9035

Monochromacy



Original Color

21.0886, 18.5546, 22.2086

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.2965, 18.9779, 21.3850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0886, 18.5546, 22.2086 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(146, 109, 126)` looks like.

```
.text, #text, p{  
    color:rgb(146, 109, 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(146, 109, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 109, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.0886, 18.5546, 22.2086 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(146, 109, 126) }
```


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

```
.border{ border-color:rgb(146, 109, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 109, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 109, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 109, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 109,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0886, 18.5546, 22.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 109, 126) }
```

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

```
.background{ background-color: rgb(146,  
109, 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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