

Converting Colors

XYZ(21.5287, 19.4216, 22.1856)

Have a look what the booklet for
XYZ(21.5287, 19.4216, 22.1856)
contains.

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Color

**XYZ(21.5251, 19.4276,
22.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	92717E
RGB	146, 113, 126
RGB Percent	57%, 44%, 49%
CMY	0.4274, 0.5568, 0.5059
CMYK	0.00, 0.23, 0.14, 0.43
HSL	336°, 13%, 51%
HSV	336°, 23%, 57%
XYZ	21.5251, 19.4276, 22.3541
YIQ	124.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

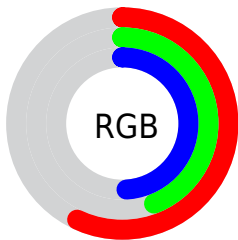
Format	Color
RYB	146, 113, 126
Decimal	9597310
CIELab	51.18, 15.18, -2.15
CIELCh	51, 15.336, 351.936
Yxy	19.4276, 0.3400, 0.3069
Android (android.graphics.Color)	4287787390 (0xFF92717E)
YUV	124.3490, 0.8139, 18.9879
Hunter-Lab	44.0768, 10.0370, 0.7840

Details

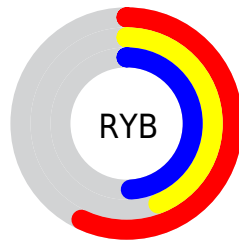
The XYZ color **21.5251, 19.4276, 22.3541** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3234, 25.7625, 26.0403**, and the grayscale version is **19.2688, 20.2723, 22.0765**.

A 20% lighter version of the original color is **45.4112, 42.4443, 48.4470**, and **7.9492, 6.7493, 7.9050** is the 20% darker color. If you saturate the color by 10%, you get **19.4795, 16.2100, 18.9786**, and if you desaturate by 10%, it is **23.8844, 23.1912, 26.0839**.

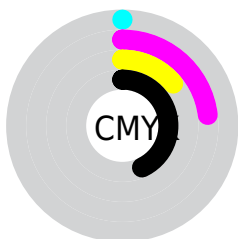
Distribution



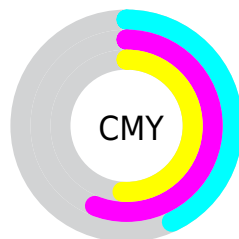
- Red (57%)
- Green (44%)
- Blue (49%)



- Red (57%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5251, 19.4276, 22.3541 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 21.5251, 19.4276, 22.3541 by changing the saturation by 10% instead.

■ 21.5251, 19.4276,
22.3541

■ 21.5251, 19.4276,
22.3541

252.7353,
248.7993, 277.4035

■ 13.6230, 11.9797,
13.9165

■ 45.4445, 42.4554,
48.2402

■ 7.9389, 6.7298,
7.9245

■ 62.1926, 58.8041,
66.5259

■ 4.1073, 3.2937,
3.9596

■ 82.6201, 78.8884,
88.9312

■ 1.7630, 1.2869,
1.6032

■ 107.0922,
103.0928, 115.8749

■ 0.4952, 0.1311,
0.2931

135.9745,
131.8017, 147.7755

■ 0.0000, 0.0000,
0.0000

169.6322,

165.3995, 185.0514

208.4307,
204.2706, 228.1212

■ 21.5251, 19.4276,
22.3541

■ 21.5251, 19.4276,
22.3541

■ 19.4795, 16.2100,
18.9786

■ 23.8844, 23.1912,
26.0839

■ 17.7322, 13.5104,
15.9451

■ 26.5686, 27.5221,
30.1772

■ 16.2687, 11.3019,
13.2423

■ 29.5905, 32.4436,
34.6445

■ 15.0729, 9.5544,
10.8580

■ 32.9616, 37.9769,
39.4954

■ 14.1268, 8.2343,
8.7786

■ 36.6930, 44.1421,
44.7391

■ 13.4100, 7.3035,
6.9899

■ 40.7950, 50.9585,
50.3846

■ 12.8986, 6.7167,
5.4755

■ 45.2778, 58.4444,
56.4405

■ 12.6055, 6.4116,
4.5109

■ 50.1510, 66.6175,
62.9152

■ 55.4239, 75.4948,
69.8166

Harmonies

Analogous

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



20.8728, 19.4276, 26.7681



21.5251, 19.4276, 22.3541



21.3226, 19.4276, 18.1673

Triad

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



21.5251, 19.4276, 22.3541



17.3909, 19.4276, 14.2775



16.7150, 19.4276, 28.4820

Complementary

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



21.5251, 19.4276, 22.3541



21.3234, 25.7625, 26.0403

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.



15.8755, 19.4276, 24.4499



21.5251, 19.4276, 22.3541



16.2505, 19.4276, 16.3844

Square

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



21.5251, 19.4276, 22.3541



18.8800, 19.4276, 13.8772



15.7102, 19.4276, 19.9964



18.0568, 19.4276, 30.6106

Rectangle

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



21.5251, 19.4276, 22.3541



20.7349, 19.4276, 16.0204



15.7102, 19.4276, 19.9964



16.3678, 19.4276, 27.2799

Sweetspot

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



21.5257, 19.4285, 22.3545



44.6467, 44.9556, 49.8757



20.7355, 18.8568, 29.7413



9.8802, 9.9170, 11.0162



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.



21.5257, 19.4285, 22.3545



36.1207, 31.3485, 36.4134



21.1154, 19.8642, 18.3451



5.8898, 5.8510, 6.5256



11.1031, 5.6463, 4.0242



0.1497, 0.0746, 0.1219

Inverse Universe

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



21.5257, 19.4285, 22.3545



36.1207, 31.3485, 36.4134



21.7765, 25.1415, 30.8995



5.8898, 5.8510, 6.5256



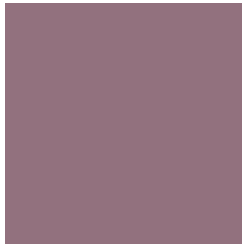
11.1031, 5.6463, 4.0242



0.1497, 0.0746, 0.1219

Previews

White Background



This preview shows how the XYZ color 21.5251, 19.4276, 22.3541 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 21.5251, 19.4276, 22.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

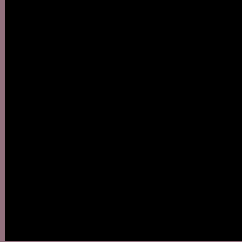
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5251, 19.4276, 22.3541

Background



This preview shows how black text looks on a background with the XYZ color 21.5251, 19.4276, 22.3541.



This preview shows how white text looks on a background with the XYZ color 21.5251, 19.4276,

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

21.5251, 19.4276, 22.3541

Protanopia

18.9601, 19.4510, 24.2278

Deuteranopia

19.8530, 19.4241, 22.1049



Tritanopia

21.3842, 19.5508, 21.0590

Trichromacy



Original Color

21.5251, 19.4276, 22.3541

Protanomaly

19.8010, 19.3671, 23.4635

Deuteranomaly

20.4283, 19.3747, 22.0650

Tritanomaly

21.4465, 19.5757, 21.3870

Monochromacy



Original Color

21.5251, 19.4276, 22.3541

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9339, 19.8191, 22.1769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5251, 19.4276, 22.3541 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, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(146, 113, 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, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 113, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.5251, 19.4276, 22.3541 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, 113, 126) }
```


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

```
.border{ border-color:rgb(146, 113, 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, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 113,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5251, 19.4276, 22.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 113, 126) }
```

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

```
.background{ background-color: rgb(146,  
113, 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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