

Converting Colors

XYZ(21.5197, 17.6301, 20.9389)

Have a look what the booklet for
XYZ(21.5197, 17.6301, 20.9389)
contains.

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Color

**XYZ(21.5553, 17.6074,
21.0014)**

Conversions

Conversions Part 1

Format	Color
Hex	9A657B
RGB	154, 101, 123
RGB Percent	60%, 40%, 48%
CMY	0.3961, 0.6039, 0.5176
CMYK	0.00, 0.34, 0.20, 0.40
HSL	335°, 21%, 50%
HSV	335°, 34%, 60%
XYZ	21.5553, 17.6074, 21.0014
YIQ	119.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

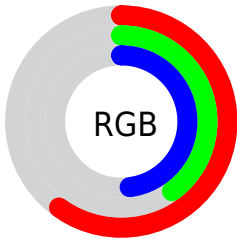
Format	Color
RYB	154, 101, 123
Decimal	10118523
CIELab	49.02, 24.67, -3.46
CIElCh	49, 24.911, 352.019
Yxy	17.6074, 0.3583, 0.2927
Android (android.graphics.Color)	4288308603 (0xFF9A657B)
YUV	119.3550, 1.7970, 30.3837
Hunter-Lab	41.9612, 18.2627, -0.3016

Details

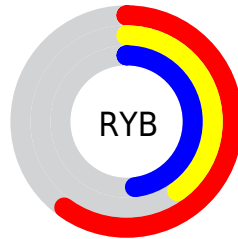
The XYZ color **21.5553, 17.6074, 21.0014** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0881, 27.5444, 26.0362**, and the grayscale version is **17.6365, 18.5550, 20.2064**.

A 20% lighter version of the original color is **45.4236, 39.4329, 45.7747**, and **7.9886, 5.8654, 7.1897** is the 20% darker color. If you saturate the color by 10%, you get **19.6596, 14.6773, 17.7142**, and if you desaturate by 10%, it is **23.7841, 21.1203, 24.6560**.

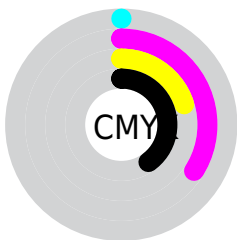
Distribution



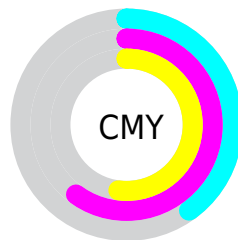
- Red (60%)
- Green (40%)
- Blue (48%)



- Red (60%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5553, 17.6074, 21.0014 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 21.5553, 17.6074, 21.0014 by changing the saturation by 10% instead.

■ 21.5553, 17.6074,
21.0014

■ 21.5553, 17.6074,
21.0014

252.8913,
238.6487, 270.0672

■ 13.6453, 10.6685,
12.9338

■ 45.4942, 39.3672,
45.9707

■ 7.9544, 5.8444,
7.2528

■ 62.2539, 54.9569,
63.7094

■ 4.1174, 2.7507,
3.5398

■ 82.6941, 74.1989,
85.5089

■ 1.7687, 1.0030,
1.3765

■ 107.1802, 97.4778,
111.7878

■ 0.4987, 0.0000,
0.1233

136.0777,
125.1778, 142.9645

■ 0.0000, 0.0000,
0.0000

169.7518,

157.6833, 179.4576

208.5679,
195.3789, 221.6857

■ 21.5553, 17.6074,
21.0014

■ 21.5553, 17.6074,
21.0014

■ 19.6596, 14.6773,
17.7142

■ 23.7841, 21.1203,
24.6560

■ 18.0785, 12.2955,
14.7809

■ 26.3602, 25.2430,
28.6890

■ 16.7937, 10.4279,
12.1883

■ 29.2990, 30.0038,
33.1118


■ 15.7844, 9.0354,
9.9222


■ 32.6144, 35.4284,
37.9353


■ 15.0270, 8.0730,
7.9665


■ 36.3195, 41.5411,
43.1699


 14.4927, 7.4859,
6.3036

 40.4267, 48.3652,
48.8254

 14.2497, 7.2394,
5.4849

 44.9480, 55.9225,
54.9114

 49.8949, 64.2343,
61.4372

 55.2782, 73.3207,
68.4117

Harmonies

Analogous

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



20.5051, 17.6074, 28.1616



21.5553, 17.6074, 21.0014



21.2229, 17.6074, 14.7679

Triad

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



21.5553, 17.6074, 21.0014



15.1173, 17.6074, 9.5961



14.1364, 17.6074, 31.1132

Complementary

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



21.5553, 17.6074, 21.0014



21.0881, 27.5444, 26.0362

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.



12.9296, 17.6074, 24.3735



21.5553, 17.6074, 21.0014



13.4584, 17.6074, 12.3326

Square

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



21.5553, 17.6074, 21.0014



17.3626, 17.6074, 9.0954



12.6934, 17.6074, 17.4510



16.1233, 17.6074, 34.8185

Rectangle

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



21.5553, 17.6074, 21.0014



20.2746, 17.6074, 11.8257



12.6934, 17.6074, 17.4510



13.6339, 17.6074, 29.0625

Sweetspot

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



21.5558, 17.6082, 21.0018



50.0524, 49.3550, 55.4127



19.9898, 16.5401, 32.7112



11.1738, 10.9200, 12.3073



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5558, 17.6082, 21.0018



36.5493, 27.9437, 33.6639



20.7702, 17.9987, 14.6922



6.3098, 6.2631, 7.0115



11.6265, 5.9049, 4.5584



0.1913, 0.0953, 0.1603

Inverse Universe

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



21.5558, 17.6082, 21.0018



36.5493, 27.9437, 33.6639



22.0402, 26.7803, 34.5797



6.3098, 6.2631, 7.0115



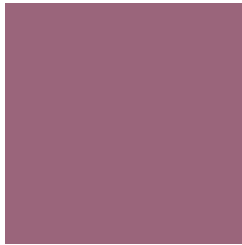
11.6265, 5.9049, 4.5584



0.1913, 0.0953, 0.1603

Previews

White Background



This preview shows how the XYZ color 21.5553, 17.6074, 21.0014 looks on a white background.

Color Contrast Check

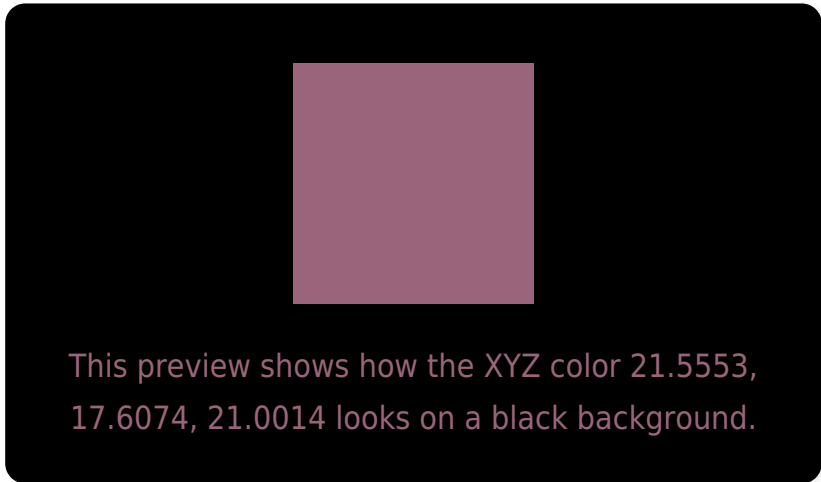
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 21.5553, 17.6074, 21.0014

Background



This preview shows how black text looks on a background with the XYZ color 21.5553, 17.6074, 21.0014.



This preview shows how white text looks on a background with the XYZ color 21.5553, 17.6074,

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

21.5553, 17.6074, 21.0014

Protanopia

17.3497, 17.7341, 24.3384

Deuteranopia

17.9605, 17.6264, 20.5448



Tritanopia

20.8564, 17.6205, 17.3408

Trichromacy



Original Color

21.5553, 17.6074, 21.0014

Protanomaly

18.7001, 17.6210, 23.1845

Deuteranomaly

19.1348, 17.5767, 20.7965

Tritanomaly

20.9828, 17.5129, 18.4941

Monochromacy



Original Color

21.5553, 17.6074, 21.0014

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.7001, 17.8499, 20.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5553, 17.6074, 21.0014 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(154, 101, 123)` looks like.

```
.text, #text, p{  
    color:rgb(154, 101, 123)  
}
```

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(154, 101, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 101, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.5553, 17.6074, 21.0014 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(154, 101, 123) }
```


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

```
.border{ border-color:rgb(154, 101, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 101, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 101, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 101, 123);  
box-shadow:4px 4px 4px 4px rgb(154, 101,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5553, 17.6074, 21.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 101, 123) }
```

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

```
.background{ background-color: rgb(154,  
101, 123) }
```

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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