

Converting Colors

XYZ(21.6702, 20.4371, 22.9127)

Have a look what the booklet for
XYZ(21.6702, 20.4371, 22.9127)
contains.

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Color

**XYZ(21.7553, 20.5656,
22.9016)**

Conversions

Conversions Part 1

Format	Color
Hex	8F777F
RGB	143, 119, 127
RGB Percent	56%, 47%, 50%
CMY	0.4392, 0.5333, 0.5020
CMYK	0.00, 0.17, 0.11, 0.44
HSL	340°, 10%, 51%
HSV	340°, 17%, 56%
XYZ	21.7553, 20.5656, 22.9016
YIQ	127.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

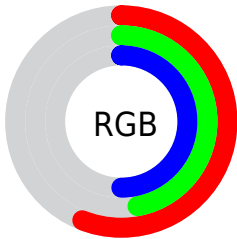
Format	Color
R_{YB}	143, 119, 127
Decimal	9402239
CIE _{Lab}	52.47, 10.72, -0.89
CIE _{LCh}	52, 10.757, 355.264
Yxy	20.5656, 0.3336, 0.3153
Android (android.graphics.Color)	4287592319 (0xFF8F777F)
YUV	127.0880, -0.0434, 13.9548
Hunter-Lab	45.3493, 6.2700, 1.8028

Details

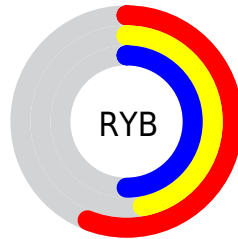
The XYZ color **21.7553, 20.5656, 22.9016** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8042, 25.3167, 26.6603**, and the grayscale version is **20.2008, 21.2528, 23.1443**.

A 20% lighter version of the original color is **45.8271, 44.2914, 49.3138**, and **8.0420, 7.3318, 8.1991** is the 20% darker color. If you saturate the color by 10%, you get **19.5876, 17.1779, 19.2570**, and if you desaturate by 10%, it is **24.2391, 24.4908, 26.9422**.

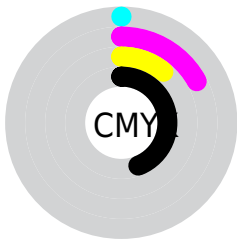
Distribution



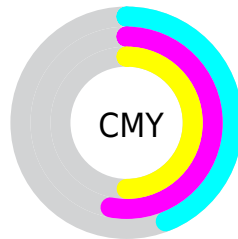
- Red (56%)
- Green (47%)
- Blue (50%)



- Red (56%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7553, 20.5656, 22.9016 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 21.7553, 20.5656, 22.9016 by changing the saturation by 10% instead.

■ 21.7553, 20.5656,
22.9016

■ 21.7553, 20.5656,
22.9016

253.9222,
254.9608, 280.3247

■ 13.7928, 12.8068,
14.3162

■ 45.8231, 44.3634,
49.1528

■ 8.0574, 7.2957,
8.1997

■ 62.6591, 61.1713,
67.6558

■ 4.1838, 3.6477,
4.1334

■ 83.1837, 81.7644,
90.3018

■ 1.8067, 1.4785,
1.6988

107.7621,
106.5270, 117.5092

■ 0.5217, 0.2735,
0.3599

136.7599,
135.8435, 149.6967

■ 0.0000, 0.0000,
0.0000

170.5422,

170.0984, 187.2827

209.4745,
209.6760, 230.6859

■ 21.7553, 20.5656,
22.9016

■ 21.7553, 20.5656,
22.9016

■ 19.5876, 17.1779,
19.2570

■ 24.2391, 24.4908,
26.9422

■ 17.7213, 14.3015,
15.9949

■ 27.0494, 28.9729,
31.3892

■ 16.1428, 11.9122,
13.1024

■ 30.1985, 34.0334,
36.2545

■ 14.8372, 9.9826,
10.5659

■ 33.6973, 39.6920,
41.5487

■ 13.7878, 8.4825,
8.3706

■ 37.5564, 45.9676,
47.2824

■ 12.9763, 7.3783,
6.5006

■ 41.7858, 52.8780,
53.4656

■ 12.3816, 6.6312,
4.9384

■ 46.3951, 60.4405,
60.1079

■ 11.9693, 6.1762,
3.6616

■ 51.3937, 68.6716,
67.2188

■ 11.8543, 6.0503,
3.3023

■ 56.7905, 77.5872,
74.8075

Harmonies

Analogous

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



21.3565, 20.5656, 26.0644



21.7553, 20.5656, 22.9016



21.5443, 20.5656, 19.8803

Triad

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



21.7553, 20.5656, 22.9016



18.6489, 20.5656, 17.3005



18.3543, 20.5656, 27.8088

Complementary

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



21.7553, 20.5656, 22.9016



21.8042, 25.3167, 26.6603

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.



17.6771, 20.5656, 25.1078



21.7553, 20.5656, 22.9016



17.8427, 20.5656, 19.0826

Square

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



21.7553, 20.5656, 22.9016



19.7240, 20.5656, 16.8294



17.4934, 20.5656, 21.8909



19.3711, 20.5656, 29.0633

Rectangle

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



21.7553, 20.5656, 22.9016



21.0902, 20.5656, 18.3196



17.4934, 20.5656, 21.8909



18.0809, 20.5656, 27.0281

Sweetspot

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



21.7559, 20.5665, 22.9020



44.2098, 45.1330, 49.5317



21.5472, 20.3287, 28.7751



10.0687, 10.2394, 11.2475



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.



21.7559, 20.5665, 22.9020



37.4829, 34.5123, 38.5557



21.7411, 21.3384, 20.4267



5.4784, 5.4519, 6.0172



10.4903, 5.3531, 2.9670



0.1097, 0.0550, 0.0780

Inverse Universe

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



21.7559, 20.5665, 22.9020



37.4829, 34.5123, 38.5557



21.7990, 24.3710, 29.5420



5.4784, 5.4519, 6.0172



10.4903, 5.3531, 2.9670



0.1097, 0.0550, 0.0780

Previews

White Background



This preview shows how the XYZ color 21.7553, 20.5656, 22.9016 looks on a white background.

Color Contrast Check

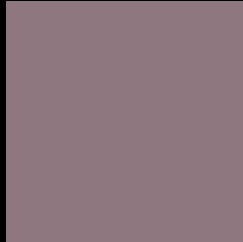
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7553, 20.5656, 22.9016 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 21.7553, 20.5656, 22.9016

Background



This preview shows how black text looks on a background with the XYZ color 21.7553, 20.5656, 22.9016.



This preview shows how white text looks on a background with the XYZ color 21.7553, 20.5656,

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

21.7553, 20.5656, 22.9016

Protanopia

19.9671, 20.7146, 24.0650

Deuteranopia

20.9847, 20.5254, 22.9345



Tritanopia

21.8208, 20.5918, 23.2466

Trichromacy



Original Color

21.7553, 20.5656, 22.9016

Protanomaly

20.5611, 20.6564, 23.6723

Deuteranomaly

21.1947, 20.4542, 22.9097

Tritanomaly

21.8208, 20.5918, 23.2466

Monochromacy



Original Color

21.7553, 20.5656, 22.9016

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.7113, 20.9342, 23.0278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7553, 20.5656, 22.9016 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(143, 119, 127)` looks like.

```
.text, #text, p{  
    color:rgb(143, 119, 127)  
}
```

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(143, 119, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 119, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.7553, 20.5656, 22.9016 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(143, 119, 127) }
```


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

```
.border{ border-color:rgb(143, 119, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 119, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 119, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 119, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 119,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7553, 20.5656, 22.9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 119, 127) }
```

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

```
.background{ background-color: rgb(143,  
119, 127) }
```

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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