

Converting Colors

XYZ(21.5406, 21.5647, 18.5944)

Have a look what the booklet for
XYZ(21.5406, 21.5647, 18.5944)
contains.

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Color

**XYZ(21.6419, 21.6991,
18.6705)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7D71
RGB	143, 125, 113
RGB Percent	56%, 49%, 44%
CMY	0.4392, 0.5098, 0.5569
CMYK	0.00, 0.13, 0.21, 0.44
HSL	24°, 12%, 50%
HSV	24°, 21%, 56%
XYZ	21.6419, 21.6991, 18.6705
YIQ	129.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

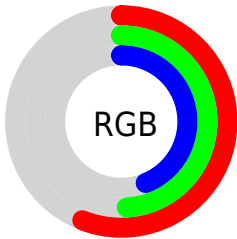
Format	Color
R_{YB}	143, 133, 113
Decimal	9403761
CIE _{Lab}	53.71, 4.86, 9.07
CIE _{LCh}	54, 10.292, 61.808
Yxy	21.6991, 0.3490, 0.3499
Android (android.graphics.Color)	4287593841 (0xFF8F7D71)
YUV	129.0140, -7.8949, 12.2657
Hunter-Lab	46.5823, 1.4112, 8.8438

Details

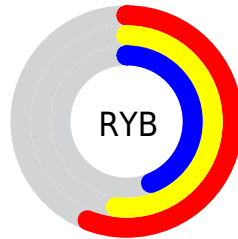
The XYZ color **21.6419, 21.6991, 18.6705** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.8841, 21.7259, 29.1322**, and the grayscale version is **20.8948, 21.9829, 23.9394**.

A 20% lighter version of the original color is **45.7379, 46.4277, 42.1481**, and **7.9522, 7.8258, 6.0924** is the 20% darker color. If you saturate the color by 10%, you get **19.8601, 19.3238, 14.4127**, and if you desaturate by 10%, it is **23.6456, 24.3148, 23.6287**.

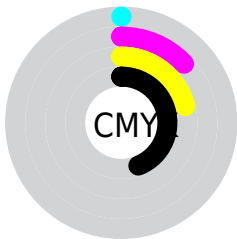
Distribution



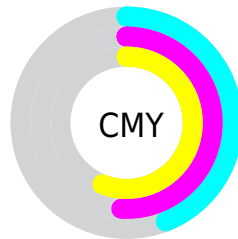
- Red (56%)
- Green (49%)
- Blue (44%)



- Red (56%)
- Yellow (52%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6419, 21.6991, 18.6705 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 21.6419, 21.6991, 18.6705 by changing the saturation by 10% instead.

■ 21.6419, 21.6991,
18.6705

■ 21.6419, 21.6991,
18.6705

253.3381,
260.9709, 256.9855

■ 13.7091, 13.6360,
11.2580

■ 45.6367, 46.2482,
42.0058

■ 7.9990, 7.8679,
6.1243

■ 62.4294, 63.5029,
58.7658

■ 4.1461, 4.0105,
2.8508

■ 82.9062, 84.5903,
79.4786

■ 1.7851, 1.6795,
1.0190

■ 107.4324,
109.8947, 104.5629

■ 0.5087, 0.4103,
0.0000

136.3733,
139.8006, 134.4372

■ 0.0000, 0.0000,
0.0000

170.0943,

174.6923, 169.5201

208.9608,
214.9543, 210.2300

■ 21.6419, 21.6991,
18.6705

■ 21.6419, 21.6991,
18.6705

■ 19.8601, 19.3238,
14.4127

■ 23.6456, 24.3148,
23.6287

■ 18.2901, 17.1788,
10.8219

■ 25.8772, 27.1746,
29.3158

■ 16.9237, 15.2576,
7.8641

■ 28.3448, 30.2860,
35.7605

■ 15.7512, 13.5524,
5.5016

■ 31.0554, 33.6553,
42.9894

■ 14.7624, 12.0546,
3.6927

■ 34.0156, 37.2885,
51.0279

■ 13.9455, 10.7550,
2.3901

■ 37.2321, 41.1913,
59.9002

■ 13.2873, 9.6437,
1.5385

■ 40.7110, 45.3693,
69.6296

■ 12.8014, 8.7871,
1.0214

■ 44.4584, 49.8280,
80.2382

■ 48.4799, 54.5727,
91.7477

Harmonies

Analogous

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



22.4784, 21.6991, 20.5696



21.6419, 21.6991, 18.6705



20.5575, 21.6991, 18.0643

Triad

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



21.6419, 21.6991, 18.6705



18.5777, 21.6991, 23.8187



21.7617, 21.6991, 29.1694

Complementary

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



21.6419, 21.6991, 18.6705



19.8841, 21.7259, 29.1322

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.



20.6913, 21.6991, 30.2275



21.6419, 21.6991, 18.6705



18.8752, 21.6991, 26.9725

Square

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



21.6419, 21.6991, 18.6705



18.8122, 21.6991, 20.8735



19.6392, 21.6991, 29.3903



22.5493, 21.6991, 26.6118

Rectangle

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



21.6419, 21.6991, 18.6705



19.8470, 21.6991, 18.4274



19.6392, 21.6991, 29.3903



21.4218, 21.6991, 29.7220

Sweetspot

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



21.6425, 21.7001, 18.6710



44.2325, 45.9731, 47.0900



21.3297, 19.2889, 24.0718



10.0920, 10.4765, 10.6676



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.



21.6425, 21.7001, 18.6710



37.2577, 36.8729, 29.8149



23.6865, 25.7882, 19.3523



5.5749, 5.7561, 5.7066



11.3384, 7.8085, 0.9096



0.1290, 0.1158, 0.0156

Inverse Universe

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



19.8841, 21.7259, 29.1322



33.5450, 36.9256, 51.8974



18.0136, 17.9850, 28.5087



5.3817, 5.7591, 6.8567



7.3319, 7.6498, 24.0672



0.0917, 0.1164, 0.2373

Previews

White Background



This preview shows how the XYZ color 21.6419, 21.6991, 18.6705 looks on a white background.

Color Contrast Check

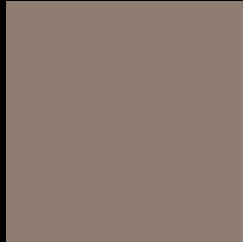
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6419, 21.6991, 18.6705 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

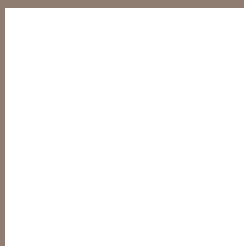
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6419, 21.6991, 18.6705

Background



This preview shows how black text looks on a background with the XYZ color 21.6419, 21.6991, 18.6705.



This preview shows how white text looks on a background with the XYZ color 21.6419, 21.6991,

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

21.6419, 21.6991, 18.6705

Protanopia

20.6452, 21.7445, 19.3286

Deuteranopia

22.0423, 21.7185, 18.6531



Tritanopia

22.8014, 21.6048, 24.7982

Trichromacy



Original Color

21.6419, 21.6991, 18.6705

Protanomaly

20.9432, 21.7120, 19.0066

Deuteranomaly

21.8653, 21.6273, 18.6448

Tritanomaly

22.2862, 21.5759, 22.3920

Monochromacy



Original Color

21.6419, 21.6991, 18.6705

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.1258, 21.9367, 21.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6419, 21.6991, 18.6705 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, 125, 113)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 113)  
}
```

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, 125, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.6419, 21.6991, 18.6705 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, 125, 113) }
```


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

```
.border{ border-color:rgb(143, 125, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 125, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 125, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 125, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 125,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6419, 21.6991, 18.6705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 113) }
```

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

```
.background{ background-color: rgb(143,  
125, 113) }
```

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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