

Converting Colors

XYZ(21.7410, 21.9746, 18.5728)

Have a look what the booklet for
XYZ(21.7410, 21.9746, 18.5728)
contains.

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Color

**XYZ(21.7692, 21.9536,
18.7129)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7E71
RGB	143, 126, 113
RGB Percent	56%, 49%, 44%
CMY	0.4392, 0.5059, 0.5569
CMYK	0.00, 0.12, 0.21, 0.44
HSL	26°, 12%, 50%
HSV	26°, 21%, 56%
XYZ	21.7692, 21.9536, 18.7129
YIQ	129.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

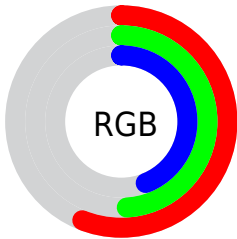
Format	Color
R_{YB}	143, 136, 113
Decimal	9404017
CIE _{Lab}	53.98, 4.29, 9.45
CIE _{LCh}	54, 10.383, 65.597
Yxy	21.9536, 0.3487, 0.3516
Android (android.graphics.Color)	4287594097 (0xFF8F7E71)
YUV	129.6010, -8.1843, 11.7509
Hunter-Lab	46.8547, 0.9374, 9.1189

Details

The XYZ color **21.7692, 21.9536, 18.7129** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.7505, 21.4587, 29.0878**, and the grayscale version is **21.1022, 22.2011, 24.1770**.

A 20% lighter version of the original color is **45.9376, 46.8271, 42.2147**, and **8.0216, 7.9647, 6.1156** is the 20% darker color. If you saturate the color by 10%, you get **20.0325, 19.6685, 14.4701**, and if you desaturate by 10%, it is **23.7179, 24.4593, 23.6528**.

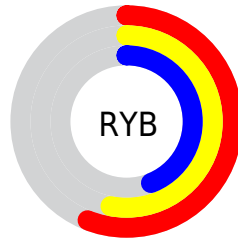
Distribution



Red (56%)

Green (49%)

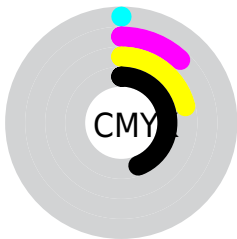
Blue (44%)



Red (56%)

Yellow (53%)

Blue (44%)

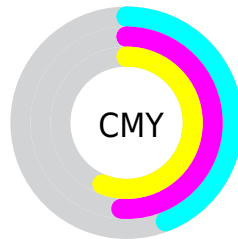


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (44%)



Cyan (44%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7692, 21.9536, 18.7129 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 21.7692, 21.9536, 18.7129 by changing the saturation by 10% instead.

■ 21.7692, 21.9536,
18.7129

■ 21.7692, 21.9536,
18.7129

253.9937,
262.3039, 257.2289

■ 13.8031, 13.8228,
11.2883

■ 45.8459, 46.6693,
42.0786

■ 8.0646, 7.9975,
6.1445

■ 62.6872, 64.0230,
58.8568

■ 4.1885, 4.0934,
2.8629

■ 83.2177, 85.2198,
79.5900

■ 1.8093, 1.7259,
1.0251

■ 107.8025,
110.6440, 104.6966

■ 0.5233, 0.4404,
0.0000

136.8072,
140.6802, 134.5953

■ 0.0000, 0.0000,
0.0000

170.5971,

175.7126, 169.7045

209.5374,
216.1257, 210.4429

■ 21.7692, 21.9536,
18.7129

■ 21.7692, 21.9536,
18.7129

■ 20.0325, 19.6685,
14.4701

■ 23.7179, 24.4593,
23.6528

■ 18.4981, 17.5947,
10.8912

■ 25.8843, 27.1886,
29.3181

■ 17.1582, 15.7265,
7.9423

■ 28.2760, 30.1483,
35.7375

■ 16.0035, 14.0569,
5.5857

■ 30.8998, 33.3440,
42.9375

■ 15.0243, 12.5783,
3.7799

■ 33.7620, 36.7810,
50.9434

■ 14.2093, 11.2824,
2.4779

■ 36.8688, 40.4646,
59.7792

■ 13.5458, 10.1604,
1.6246

■ 40.2262, 44.3996,
69.4681

■ 13.0493, 9.2828,
1.1040

■ 43.8399, 48.5910,
80.0323

■ 47.7154, 53.0435,
91.4931

Harmonies

Analogous

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



22.6678, 21.9536, 20.4886



21.7692, 21.9536, 18.7129



20.6568, 21.9536, 18.2731

Triad

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



21.7692, 21.9536, 18.7129



18.7944, 21.9536, 24.5107



22.1458, 21.9536, 29.2809

Complementary

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



21.7692, 21.9536, 18.7129



19.7505, 21.4587, 29.0878

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.



21.0771, 21.9536, 30.5864



21.7692, 21.9536, 18.7129



19.1627, 21.9536, 27.6787

Square

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



21.7692, 21.9536, 18.7129



18.9649, 21.9536, 21.4437



19.9886, 21.9536, 29.9754



22.8906, 21.9536, 26.5450

Rectangle

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



21.7692, 21.9536, 18.7129



19.9491, 21.9536, 18.7591



19.9886, 21.9536, 29.9754



21.8111, 21.9536, 29.9122

Sweetspot

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



21.7698, 21.9546, 18.7134



44.3075, 46.1230, 47.1150



21.2623, 19.2619, 23.7166



10.1107, 10.5139, 10.6738



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.



21.7698, 21.9546, 18.7134



37.5245, 37.4064, 29.9038



23.8334, 26.0819, 19.4012



5.5891, 5.7845, 5.7113



11.5582, 8.2480, 0.9828



0.1317, 0.1213, 0.0165

Inverse Universe

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



19.7505, 21.4587, 29.0878



33.2614, 36.3584, 51.8028



17.8990, 17.7557, 28.4706



5.3672, 5.7301, 6.8519



7.0078, 7.0016, 23.9592



0.0890, 0.1109, 0.2364

Previews

White Background



This preview shows how the XYZ color 21.7692, 21.9536, 18.7129 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 21.7692, 21.9536, 18.7129 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 21.7692, 21.9536, 18.7129

Background



This preview shows how black text looks on a background with the XYZ color 21.7692, 21.9536, 18.7129.



This preview shows how white text looks on a background with the XYZ color 21.7692, 21.9536,

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

21.7692, 21.9536, 18.7129

Protanopia

20.8792, 22.0663, 19.0784

Deuteranopia

22.2209, 21.8106, 18.6615



Tritanopia

22.9937, 21.8791, 25.2015

Trichromacy



Original Color

21.7692, 21.9536, 18.7129

Protanomaly

21.2377, 22.0565, 19.0576

Deuteranomaly

22.1683, 21.9705, 18.6951

Tritanomaly

22.4751, 21.8510, 22.7718

Monochromacy



Original Color

21.7692, 21.9536, 18.7129

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4800, 22.3066, 22.2423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7692, 21.9536, 18.7129 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, 126, 113)` looks like.

```
.text, #text, p{  
    color:rgb(143, 126, 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, 126, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 126, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.7692, 21.9536, 18.7129 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, 126, 113) }
```


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

```
.border{ border-color:rgb(143, 126, 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, 126, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 126, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 126, 113);  
box-shadow:4px 4px 4px 4px rgb(143, 126,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7692, 21.9536, 18.7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 126, 113) }
```

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

```
.background{ background-color: rgb(143,  
126, 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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