

Converting Colors

XYZ(21.5063, 21.5875, 18.4852)

Have a look what the booklet for
XYZ(21.5063, 21.5875, 18.4852)
contains.

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Color

**XYZ(21.5859, 21.6767,
18.3756)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7D70
RGB	143, 125, 112
RGB Percent	56%, 49%, 44%
CMY	0.4392, 0.5098, 0.5608
CMYK	0.00, 0.13, 0.22, 0.44
HSL	25°, 12%, 50%
HSV	25°, 22%, 56%
XYZ	21.5859, 21.6767, 18.3756
YIQ	128.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

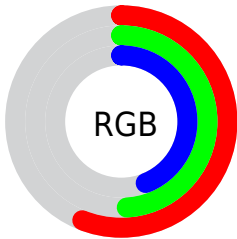
Format	Color
R_{YB}	143, 134, 112
Decimal	9403760
CIE _{Lab}	53.68, 4.70, 9.62
CIE _{LCh}	54, 10.706, 63.946
Yxy	21.6767, 0.3502, 0.3517
Android (android.graphics.Color)	4287593840 (0xFF8F7D70)
YUV	128.9000, -8.3317, 12.3657
Hunter-Lab	46.5582, 1.2814, 9.1902

Details

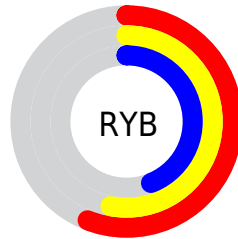
The XYZ color **21.5859, 21.6767, 18.3756** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.6225, 21.3926, 29.0816**, and the grayscale version is **20.8563, 21.9424, 23.8953**.

A 20% lighter version of the original color is **45.6472, 46.3914, 41.6705**, and **7.9235, 7.8144, 5.9412** is the 20% darker color. If you saturate the color by 10%, you get **19.8448, 19.3690, 14.1741**, and if you desaturate by 10%, it is **23.5425, 24.2126, 23.2734**.

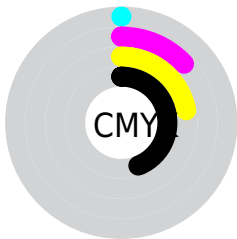
Distribution



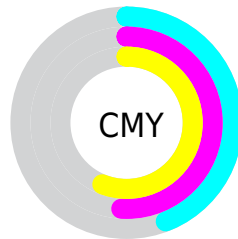
- Red (56%)
- Green (49%)
- Blue (44%)



- Red (56%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5859, 21.6767, 18.3756 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 21.5859, 21.6767, 18.3756 by changing the saturation by 10% instead.

■ 21.5859, 21.6767,
18.3756

■ 21.5859, 21.6767,
18.3756

253.0493,
260.8532, 255.2865

■ 13.6678, 13.6195,
11.0478

■ 45.5446, 46.2111,
41.4989

■ 7.9702, 7.8565,
5.9844

■ 62.3159, 63.4571,
58.1313

■ 4.1275, 4.0033,
2.7670

■ 82.7691, 84.5348,
78.7025

■ 1.7745, 1.6754,
0.9769

■ 107.2694,
109.8286, 103.6308

■ 0.5022, 0.4077,
0.0000

136.1822,
139.7230, 133.3348

■ 0.0000, 0.0000,
0.0000

169.8729,

174.6023, 168.2331

208.7068,
214.8509, 208.7441

■ 21.5859, 21.6767,
18.3756

■ 21.5859, 21.6767,
18.3756

■ 19.8448, 19.3690,
14.1741

■ 23.5425, 24.2126,
23.2734

■ 18.3094, 17.2801,
10.6354

■ 25.7205, 26.9803,
28.8961

■ 16.9716, 15.4037,
7.7254

■ 28.1277, 29.9866,
35.2724

■ 15.8220, 13.7326,
5.4062

■ 30.7710, 33.2376,
42.4289

■ 14.8505, 12.2587,
3.6359

■ 33.6569, 36.7388,
50.3911

■ 14.0456, 10.9734,
2.3669

■ 36.7918, 40.4956,
59.1833

■ 13.3941, 9.8672,
1.5433

■ 40.1817, 44.5134,
68.8285

■ 12.9426, 9.0694,
1.0684

■ 43.8326, 48.7972,
79.3491

■ 47.7499, 53.3519,
90.7666

Harmonies

Analogous

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



22.4852, 21.6767, 20.2514



21.5859, 21.6767, 18.3756



20.4518, 21.6767, 17.8507

Triad

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



21.5859, 21.6767, 18.3756



18.4824, 21.6767, 24.0391



21.8579, 21.6767, 29.2328

Complementary

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



21.5859, 21.6767, 18.3756



19.6225, 21.3926, 29.0816

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.



20.7550, 21.6767, 30.4729



21.5859, 21.6767, 18.3756



18.8290, 21.6767, 27.3038

Square

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



21.5859, 21.6767, 18.3756



18.6865, 21.6767, 20.9381



19.6505, 21.6767, 29.7364



22.6463, 21.6767, 26.4833

Rectangle

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



21.5859, 21.6767, 18.3756



19.7217, 21.6767, 18.2927



19.6505, 21.6767, 29.7364



21.5102, 21.6767, 29.8510

Sweetspot

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



21.5865, 21.6777, 18.3761



43.8776, 45.5538, 46.0760



21.1569, 19.0422, 23.7090



10.0178, 10.3900, 10.4520



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.



21.5865, 21.6777, 18.3761



37.0913, 36.7571, 29.0903



23.6915, 25.8878, 19.0777



5.5831, 5.7726, 5.7093



11.4636, 8.0589, 0.9513



0.1306, 0.1190, 0.0161

Inverse Universe

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



19.6225, 21.3926, 29.0816



32.9278, 36.1512, 51.7804



17.7236, 17.5949, 28.4487



5.3732, 5.7422, 6.8539



7.1410, 7.2681, 24.0036



0.0901, 0.1132, 0.2368

Previews

White Background



This preview shows how the XYZ color 21.5859, 21.6767, 18.3756 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 21.5859, 21.6767, 18.3756 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

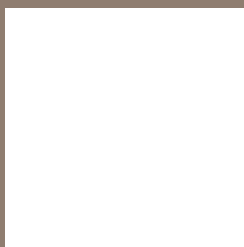
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5859, 21.6767, 18.3756

Background



This preview shows how black text looks on a background with the XYZ color 21.5859, 21.6767, 18.3756.



This preview shows how white text looks on a background with the XYZ color 21.5859, 21.6767,

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

21.5859, 21.6767, 18.3756

Protanopia

20.5880, 21.7216, 19.0272

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

22.8014, 21.6048, 24.7982

Trichromacy



Original Color

21.5859, 21.6767, 18.3756

Protanomaly

20.8865, 21.6894, 18.7084

Deuteranomaly

21.9863, 21.6961, 18.3582

Tritanomaly

22.2862, 21.5759, 22.3920

Monochromacy



Original Color

21.5859, 21.6767, 18.3756

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 21.5859, 21.6767, 18.3756 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.5859, 21.6767, 18.3756 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, 112) }
```


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

```
.border{ border-color:rgb(143, 125, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 125,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5859, 21.6767, 18.3756 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, 112) }
```

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

```
.background{ background-color: rgb(143,  
125, 112) }
```

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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