

Converting Colors

XYZ(22.5833, 21.9981, 18.6789)

Have a look what the booklet for
XYZ(22.5833, 21.9981, 18.6789)
contains.

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Color

**XYZ(22.5827, 21.9971,
18.6784)**

Conversions

Conversions Part 1

Format	Color
Hex	957C71
RGB	149, 124, 113
RGB Percent	58%, 49%, 44%
CMY	0.4157, 0.5137, 0.5569
CMYK	0.00, 0.17, 0.24, 0.42
HSL	18°, 15%, 51%
HSV	18°, 24%, 58%
XYZ	22.5827, 21.9971, 18.6784
YIQ	130.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

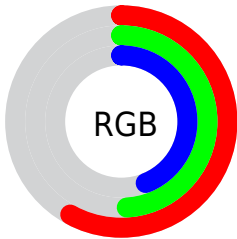
Format	Color
R_{YB}	149, 129, 113
Decimal	9796721
CIE _{Lab}	54.02, 7.85, 9.60
CIE _{LCh}	54, 12.406, 50.719
Yxy	21.9971, 0.3570, 0.3477
Android (android.graphics.Color)	4287986801 (0xFF957C71)
YUV	130.2210, -8.4900, 16.4692
Hunter-Lab	46.9011, 3.8703, 9.2184

Details

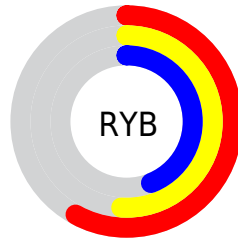
The XYZ color **22.5827, 21.9971, 18.6784** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3231, 23.8569, 31.9149**, and the grayscale version is **21.3213, 22.4317, 24.4281**.

A 20% lighter version of the original color is **47.4155, 46.9983, 42.1698**, and **8.5072, 8.0105, 6.0988** is the 20% darker color. If you saturate the color by 10%, you get **20.5826, 19.2309, 14.2074**, and if you desaturate by 10%, it is **24.8578, 25.0925, 23.9211**.

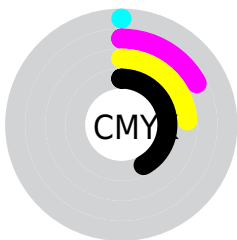
Distribution



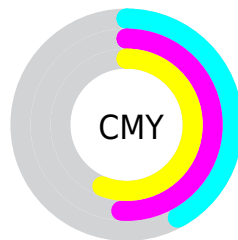
- Red (58%)
- Green (49%)
- Blue (44%)



- Red (58%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5827, 21.9971, 18.6784 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 22.5827, 21.9971, 18.6784 by changing the saturation by 10% instead.

■ 22.5827, 21.9971,
18.6784

■ 22.5827, 21.9971,
18.6784

258.1499,
262.5311, 257.0308

■ 14.4047, 13.8548,
11.2637

■ 47.1789, 46.7412,
42.0194

■ 8.4862, 8.0197,
6.1281

■ 64.3278, 64.1118,
58.7827

■ 4.4620, 4.1076,
2.8531

■ 85.1978, 85.3272,
79.4994

■ 1.9667, 1.7339,
1.0201

■ 110.1540,
110.7719, 104.5879

■ 0.6152, 0.4455,
0.0000

139.5620,
140.8302, 134.4667

■ 0.0000, 0.0000,
0.0000

173.7871,

175.8866, 169.5544

213.1946,
216.3255, 210.2696

■ 22.5827, 21.9971,
18.6784

■ 22.5827, 21.9971,
18.6784

■ 20.5826, 19.2309,
14.2074

■ 24.8578, 25.0925,
23.9211

■ 18.8449, 16.7799,
10.4699

■ 27.4163, 28.5247,
29.9685

■ 17.3584, 14.6333,
7.4267

■ 30.2686, 32.3045,
36.8531

■ 16.1106, 12.7788,
5.0341

■ 33.4239, 36.4417,
44.6054

■ 15.0876, 11.2030,
3.2436

■ 36.8911, 40.9453,
53.2543

■ 14.2739, 9.8913,
1.9994

■ 40.6784, 45.8243,
62.8274

■ 13.6515, 8.8275,
1.2342

■ 44.7942, 51.0872,
73.3511

■ 13.3536, 8.3079,
0.8998

■ 49.2461, 56.7424,
84.8507

■ 54.0418, 62.7977,
97.3505

Harmonies

Analogous

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



23.4129, 21.9971, 21.4327



22.5827, 21.9971, 18.6784



21.3261, 21.9971, 17.3782

Triad

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



22.5827, 21.9971, 18.6784



18.4650, 21.9971, 22.7799



21.8330, 21.9971, 31.5422

Complementary

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



22.5827, 21.9971, 18.6784



21.3231, 23.8569, 31.9149

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.



20.4945, 21.9971, 32.0020



22.5827, 21.9971, 18.6784



18.5877, 21.9971, 26.6594

Square

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



22.5827, 21.9971, 18.6784



18.9748, 21.9971, 19.5739



19.3174, 21.9971, 30.1330



22.9673, 21.9971, 28.9365

Rectangle

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



22.5827, 21.9971, 18.6784



20.4317, 21.9971, 17.4042



19.3174, 21.9971, 30.1330



21.3908, 21.9971, 31.9629

Sweetspot

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



22.5833, 21.9981, 18.6789



47.6785, 49.1869, 50.2862



22.9017, 20.0408, 26.7821



10.5140, 10.8306, 11.0202



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.5833, 21.9981, 18.6789



38.4392, 36.6343, 28.9376



25.0185, 26.8685, 19.4906



5.9368, 6.0873, 6.1025



11.2627, 7.0398, 0.7652



0.1615, 0.1335, 0.0173

Inverse Universe

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



21.3231, 23.8569, 31.9149



35.7777, 40.5505, 56.8626



18.9757, 19.1620, 31.1324



5.8161, 6.2661, 7.3727



8.7134, 10.1217, 25.4255



0.1328, 0.1761, 0.3199

Previews

White Background



This preview shows how the XYZ color 22.5827, 21.9971, 18.6784 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 22.5827, 21.9971, 18.6784 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 22.5827, 21.9971, 18.6784

Background



This preview shows how black text looks on a background with the XYZ color 22.5827, 21.9971, 18.6784.



This preview shows how white text looks on a background with the XYZ color 22.5827, 21.9971,

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

22.5827, 21.9971, 18.6784

Protanopia

20.9943, 22.1124, 19.6846

Deuteranopia

22.5270, 22.1554, 18.7119



Tritanopia

23.6966, 21.8927, 24.4495

Trichromacy



Original Color

22.5827, 21.9971, 18.6784

Protanomaly

21.4991, 21.9920, 19.3314

Deuteranomaly

22.5270, 22.1554, 18.7119

Tritanomaly

23.1753, 21.8583, 22.0664

Monochromacy



Original Color

22.5827, 21.9971, 18.6784

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6738, 22.2119, 22.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5827, 21.9971, 18.6784 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(149, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(149, 124, 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(149, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 124, 113) }
```

Border

The CSS property to change the border of an element to XYZ 22.5827, 21.9971, 18.6784 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(149, 124, 113) }
```


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

```
.border{ border-color:rgb(149, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(149, 124,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5827, 21.9971, 18.6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 124, 113) }
```

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

```
.background{ background-color: rgb(149,  
124, 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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