

Converting Colors

XYZ(22.5243, 22.1830, 23.0813)

Have a look what the booklet for
XYZ(22.5243, 22.1830, 23.0813)
contains.

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Color

**XYZ(22.6193, 22.2937,
23.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7E7F
RGB	143, 126, 127
RGB Percent	56%, 49%, 50%
CMY	0.4392, 0.5059, 0.5020
CMYK	0.00, 0.12, 0.11, 0.44
HSL	356°, 7%, 53%
HSV	356°, 12%, 56%
XYZ	22.6193, 22.2937, 23.1896
YIQ	131.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

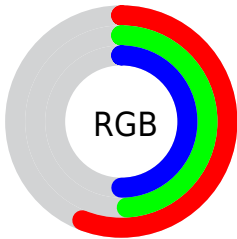
Format	Color
R_{YB}	143, 126, 127
Decimal	9404031
CIE Lab	54.34, 6.67, 1.83
CIE LCh	54, 6.919, 15.368
Yxy	22.2937, 0.3321, 0.3274
Android (android.graphics.Color)	4287594111 (0xFF8F7E7F)
YUV	131.1970, -2.0691, 10.3512
Hunter-Lab	47.2162, 2.8835, 3.9319

Details

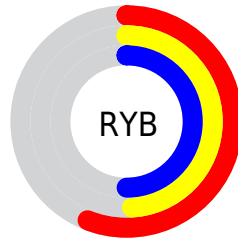
The XYZ color **22.6193, 22.2937, 23.1896** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3100, 26.0340, 29.3890**, and the grayscale version is **21.6490, 22.7765, 24.8036**.

A 20% lighter version of the original color is **47.3843, 47.4058, 49.8328**, and **8.5432, 8.1850, 8.3373** is the 20% darker color. If you saturate the color by 10%, you get **20.1004, 18.5672, 18.3070**, and if you desaturate by 10%, it is **25.5181, 26.5919, 28.7777**.

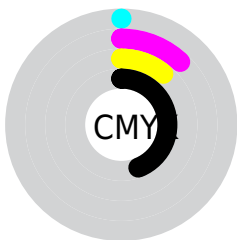
Distribution



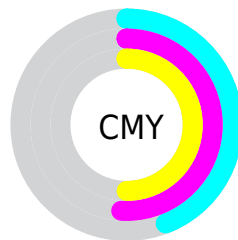
- Red (56%)
- Green (49%)
- Blue (50%)



- Red (56%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6193, 22.2937, 23.1896 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 22.6193, 22.2937, 23.1896 by changing the saturation by 10% instead.

■ 22.6193, 22.2937,
23.1896

■ 22.6193, 22.2937,
23.1896

258.3356,
264.0762, 281.8507

■ 14.4318, 14.0729,
14.5270

■ 47.2387, 47.2309,
49.6316

■ 8.5053, 8.1714,
8.3452

■ 64.4014, 64.7161,
68.2480

■ 4.4745, 4.2048,
4.2257

■ 85.2864, 86.0582,
91.0195

■ 1.9739, 1.7888,
1.7499

110.2593,
111.6417, 118.3645

■ 0.6192, 0.4802,
0.3946

139.6853,
141.8508, 150.7015

■ 0.0000, 0.0000,
0.0000

173.9297,

177.0700, 188.4493

213.3581,
217.6837, 232.0261

■ 22.6193, 22.2937,
23.1896

■ 22.6193, 22.2937,
23.1896

■ 20.1004, 18.5672,
18.3070

■ 25.5181, 26.5919,
28.7777

■ 17.9439, 15.3855,
14.1005

■ 28.8096, 31.4813,
35.0964

■ 16.1337, 12.7239,
10.5407

■ 32.5085, 36.9841,
42.1711

■ 14.6516, 10.5549,
7.5956

■ 36.6280, 43.1207,
50.0257

■ 13.4781, 8.8482,
5.2303

■ 41.1808, 49.9103,
58.6829

■ 12.5912, 7.5701,
3.4065

■ 46.1789, 57.3714,
68.1648

■ 11.9664, 6.6827,
2.0814

■ 51.6341, 65.5217,
78.4923

■ 11.5747, 6.1412,
1.2054

■ 57.5576, 74.3783,
89.6857

■ 11.3737, 5.8581,
0.7721

■ 63.9602, 83.9578,
101.7646

Harmonies

Analogous

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



22.6243, 22.2937, 25.3388



22.6193, 22.2937, 23.1896



22.2251, 22.2937, 21.4359

Triad

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



22.6193, 22.2937, 23.1896



20.1738, 22.2937, 21.4706



20.8251, 22.2937, 28.5199

Complementary

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



22.6193, 22.2937, 23.1896



23.3100, 26.0340, 29.3890

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.



20.1866, 22.2937, 27.3522



22.6193, 22.2937, 23.1896



19.8166, 22.2937, 23.2396

Square

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



22.6193, 22.2937, 23.1896



20.8074, 22.2937, 20.4843



19.8212, 22.2937, 25.3918



21.5763, 22.2937, 28.5045

Rectangle

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



22.6193, 22.2937, 23.1896



21.7999, 22.2937, 20.6900



19.8212, 22.2937, 25.3918



20.5906, 22.2937, 28.2498

Sweetspot

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



22.6199, 22.2947, 23.1901



44.4979, 45.8399, 49.2252



23.5519, 22.6449, 29.1163



10.1189, 10.3854, 11.1239



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.



22.6199, 22.2947, 23.1901



39.3601, 38.2254, 39.3083



23.5320, 24.2224, 23.1751



5.4209, 5.4289, 5.7146



10.0593, 5.1807, 0.6975



0.0982, 0.0503, 0.0174

Inverse Universe

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



22.6199, 22.2947, 23.1901



39.3601, 38.2254, 39.3083



22.3156, 23.9248, 29.4286



5.4209, 5.4289, 5.7146



10.0593, 5.1807, 0.6975



0.0982, 0.0503, 0.0174

Previews

White Background



This preview shows how the XYZ color 22.6193, 22.2937, 23.1896 looks on a white background.

Color Contrast Check

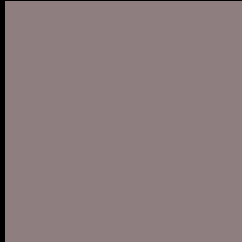
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6193, 22.2937, 23.1896 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 22.6193, 22.2937, 23.1896

Background



This preview shows how black text looks on a background with the XYZ color 22.6193, 22.2937, 23.1896.



This preview shows how white text looks on a background with the XYZ color 22.6193, 22.2937,

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

22.6193, 22.2937, 23.1896

Protanopia

21.4856, 22.2720, 23.9354

Deuteranopia

22.7932, 22.3833, 23.1978



Tritanopia

23.2084, 22.3458, 26.0116

Trichromacy



Original Color

22.6193, 22.2937, 23.1896

Protanomaly

21.9320, 22.3152, 23.5734

Deuteranomaly

22.7932, 22.3833, 23.1978

Tritanomaly

23.0001, 22.2625, 24.9146

Monochromacy



Original Color

22.6193, 22.2937, 23.1896

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8712, 22.4631, 24.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6193, 22.2937, 23.1896 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, 127) looks like.

```
.text, #text, p{  
    color:rgb(143, 126, 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, 126, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 126, 127) }
```

Border

The CSS property to change the border of an element to XYZ 22.6193, 22.2937, 23.1896 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, 127) }
```


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

```
.border{ border-color:rgb(143, 126, 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, 126, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(143, 126,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6193, 22.2937, 23.1896 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, 127) }
```

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

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