

Converting Colors

XYZ(21.5621, 21.1872, 23.0290)

Have a look what the booklet for
XYZ(21.5621, 21.1872, 23.0290)
contains.

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Color

**XYZ(21.5612, 21.1872,
23.0318)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7B7F
RGB	139, 123, 127
RGB Percent	55%, 48%, 50%
CMY	0.4549, 0.5176, 0.5020
CMYK	0.00, 0.12, 0.09, 0.45
HSL	345°, 6%, 51%
HSV	345°, 12%, 55%
XYZ	21.5612, 21.1872, 23.0318
YIQ	128.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

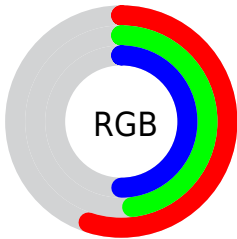
Format	Color
R_{YB}	139, 123, 127
Decimal	9141119
CIE Lab	53.15, 6.86, 0.06
CIE LCh	53, 6.864, 0.539
Yxy	21.1872, 0.3278, 0.3221
Android (android.graphics.Color)	4287331199 (0xFF8B7B7F)
YUV	128.2400, -0.6113, 9.4365
Hunter-Lab	46.0296, 3.0614, 2.5538

Details

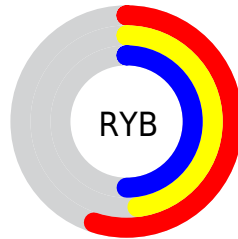
The XYZ color **21.5612, 21.1872, 23.0318** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.7750, 24.4260, 26.4899**, and the grayscale version is **20.6017, 21.6746, 23.6036**.

A 20% lighter version of the original color is **45.5605, 45.2927, 49.5211**, and **7.9437, 7.5715, 8.2505** is the 20% darker color. If you saturate the color by 10%, you get **19.3132, 17.7227, 19.1016**, and if you desaturate by 10%, it is **24.1256, 25.1714, 27.4150**.

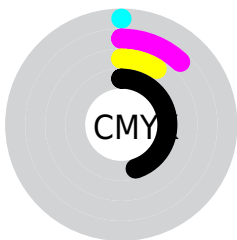
Distribution



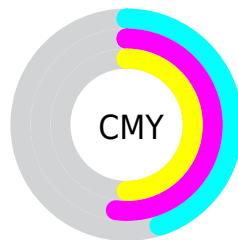
- Red (55%)
- Green (48%)
- Blue (50%)



- Red (55%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5612, 21.1872, 23.0318 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 21.5612, 21.1872, 23.0318 by changing the saturation by 10% instead.

■ 21.5612, 21.1872,
23.0318

■ 21.5612, 21.1872,
23.0318

252.9218,
258.2717, 281.0155

■ 13.6496, 13.2609,
14.4115

■ 45.5040, 45.3989,
49.3694

■ 7.9574, 7.6085,
8.2654

■ 62.2658, 62.4531,
67.9237

■ 4.1193, 3.8454,
4.1750

■ 82.7085, 83.3186,
90.6265

■ 1.7699, 1.5875,
1.7219

107.1974,
108.3801, 117.8962

■ 0.4994, 0.3491,
0.3756

136.0978,
138.0217, 150.1514

■ 0.0000, 0.0000,
0.0000

169.7751,

172.6279, 187.8107

208.5946,
212.5831, 231.2925

■ 21.5612, 21.1872,
23.0318

■ 21.5612, 21.1872,
23.0318

■ 19.3132, 17.7227,
19.1016

■ 24.1256, 25.1714,
27.4150

■ 17.3673, 14.7538,
15.6083

■ 27.0164, 29.6926,
32.2639

■ 15.7111, 12.2585,
12.5371

■ 30.2451, 34.7708,
37.5921

■ 14.3302, 10.2120,
9.8715

■ 33.8224, 40.4242,
43.4125

■ 13.2092, 8.5875,
7.5942

■ 37.7583, 46.6701,
49.7373

■ 12.3311, 7.3552,
5.6862

■ 42.0626, 53.5249,
56.5785

■ 11.6766, 6.4812,
4.1273

■ 46.7446, 61.0047,
63.9476

■ 11.2236, 5.9260,
2.8947

■ 51.8131, 69.1248,
71.8556

■ 10.9470, 5.6088,
2.0751

■ 57.2770, 77.8999,
80.3133

Harmonies

Analogous

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



21.3735, 21.1872, 25.0848



21.5612, 21.1872, 23.0318



21.3599, 21.1872, 21.1034

Triad

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



21.5612, 21.1872, 23.0318



19.4391, 21.1872, 19.8050



19.4613, 21.1872, 26.7151

Complementary

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



21.5612, 21.1872, 23.0318



21.7750, 24.4260, 26.4899

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.



18.9632, 21.1872, 25.1536



21.5612, 21.1872, 23.0318



18.9506, 21.1872, 21.1646

Square

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



21.5612, 21.1872, 23.0318



20.1247, 21.1872, 19.3101



18.7785, 21.1872, 23.1068



20.1509, 21.1872, 27.2871

Rectangle

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



21.5612, 21.1872, 23.0318



21.0350, 21.1872, 20.1279



18.7785, 21.1872, 23.1068



19.2665, 21.1872, 26.2841

Sweetspot

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



21.5618, 21.1881, 23.0323



42.4518, 43.9044, 47.8192



21.7355, 21.1819, 27.3693



9.6990, 9.9875, 10.8778



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.5618, 21.1881, 23.0323



37.4313, 36.1171, 39.1980



21.8127, 22.0986, 21.8558



5.0808, 5.0678, 5.5141



9.8862, 5.0646, 1.9052



0.0708, 0.0357, 0.0398

Inverse Universe

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



21.5618, 21.1881, 23.0323



37.4313, 36.1171, 39.1980



21.4933, 23.4037, 27.8109



5.0808, 5.0678, 5.5141



9.8862, 5.0646, 1.9052



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 21.5612, 21.1872, 23.0318 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 21.5612, 21.1872, 23.0318 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 21.5612, 21.1872, 23.0318

Background



This preview shows how black text looks on a background with the XYZ color 21.5612, 21.1872, 23.0318.



This preview shows how white text looks on a background with the XYZ color 21.5612, 21.1872,

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

21.5612, 21.1872, 23.0318

Protanopia

20.4766, 21.1738, 23.7766

Deuteranopia

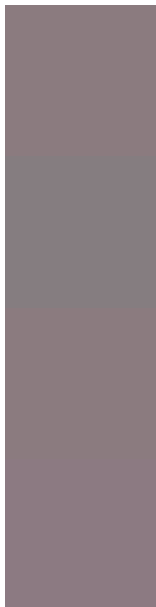
21.5612, 21.1872, 23.0318



Tritanopia

21.9396, 21.1605, 24.7578

Trichromacy



Original Color

21.5612, 21.1872, 23.0318

Protanomaly

20.9028, 21.2123, 23.4148

Deuteranomaly

21.5612, 21.1872, 23.0318

Tritanomaly

21.8040, 21.1062, 24.0438

Monochromacy



Original Color

21.5612, 21.1872, 23.0318

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.8729, 21.3858, 23.4498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5612, 21.1872, 23.0318 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(139, 123, 127)` looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 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(139, 123, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.5612, 21.1872, 23.0318 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(139, 123, 127) }
```


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

```
.border{ border-color:rgb(139, 123, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(139, 123,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5612, 21.1872, 23.0318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 127) }
```

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

```
.background{ background-color: rgb(139,  
123, 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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