

Converting Colors

XYZ(22.0283, 25.3384, 23.6396)

Have a look what the booklet for
XYZ(22.0283, 25.3384, 23.6396)
contains.

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Color

**XYZ(21.9612, 25.2383,
23.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8E7F
RGB	125, 142, 127
RGB Percent	49%, 56%, 50%
CMY	0.5098, 0.4431, 0.5020
CMYK	0.12, 0.00, 0.11, 0.44
HSL	127°, 7%, 52%
HSV	127°, 12%, 56%
XYZ	21.9612, 25.2383, 23.7927
YIQ	135.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

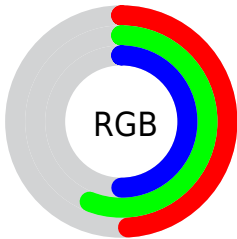
Format	Color
R_{YB}	125, 140, 142
Decimal	8228479
CIE _{Lab}	57.31, -9.16, 5.93
CIE _{LCh}	57, 10.913, 147.105
Yxy	25.2383, 0.3093, 0.3555
Android (android.graphics.Color)	4286418559 (0xFF7D8E7F)
YUV	135.2070, -4.0461, -8.9515
Hunter-Lab	50.2377, -9.8856, 7.0865

Details

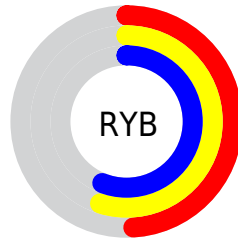
The XYZ color **21.9612, 25.2383, 23.7927** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2234, 22.3120, 27.8947**, and the grayscale version is **23.1225, 24.3267, 26.4918**.

A 20% lighter version of the original color is **46.3382, 52.2401, 50.8211**, and **8.1828, 9.7409, 8.6566** is the 20% darker color. If you saturate the color by 10%, you get **19.2681, 23.9393, 19.6659**, and if you desaturate by 10%, it is **25.0537, 26.7329, 28.4694**.

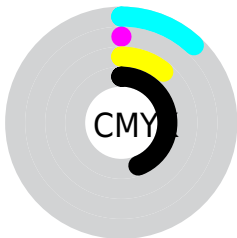
Distribution



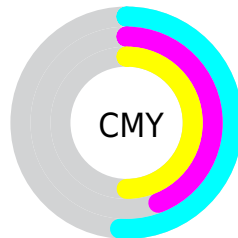
- Red (49%)
- Green (56%)
- Blue (50%)



- Red (49%)
- Yellow (55%)
- Blue (56%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9612, 25.2383, 23.7927 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 21.9612, 25.2383, 23.7927 by changing the saturation by 10% instead.

■ 21.9612, 25.2383,
23.7927

■ 21.9612, 25.2383,
23.7927

254.9798,
279.0226, 285.0235

■ 13.9448, 16.2547,
14.9691

■ 46.1612, 52.0436,
50.6313

■ 8.1638, 9.7046,
8.6513

■ 63.0755, 70.6340,
69.4834

■ 4.2526, 5.2035,
4.4208

■ 83.6866, 93.1955,
92.5154

■ 1.8460, 2.3672,
1.8589

108.3597,
120.1124, 120.1459

■ 0.5452, 0.8089,
0.4664

137.4602,
151.7692, 152.7935

■ 0.0000, 0.0000,
0.0000

171.3535,

188.5502, 190.8765

210.4049,
230.8399, 234.8137

■ 21.9612, 25.2383,
23.7927

■ 21.9612, 25.2383,
23.7927

■ 19.2681, 23.9393,
19.6659

■ 25.0537, 26.7329,
28.4694

■ 16.9562, 22.8246,
16.0672

■ 28.5587, 28.4274,
33.7135

■ 15.0086, 21.8870,
12.9759

■ 32.4915, 30.3299,
39.5436

■ 13.4068, 21.1173,
10.3690

■ 36.8659, 32.4471,
45.9772

■ 12.1303, 20.5055,
8.2220

■ 41.6950, 34.7855,
53.0309

■ 11.1566, 20.0405,
6.5082

■ 46.9914, 37.3512,
60.7207

■ 10.4604, 19.7098,
5.1982

■ 52.7673, 40.1501,
69.0620

■ 10.0120, 19.4990,
4.2587

■ 59.0343, 43.1880,
78.0697

■ 9.7724, 19.3866,
3.7453

■ 65.8037, 46.4703,
87.7581

Harmonies

Analogous

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



22.8735, 25.2383, 21.6183



21.9612, 25.2383, 23.7927



21.5906, 25.2383, 27.1222

Triad

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



21.9612, 25.2383, 23.7927



23.8629, 25.2383, 35.2201



26.2695, 25.2383, 24.3629

Complementary

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



21.9612, 25.2383, 23.7927



23.2234, 22.3120, 27.8947

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.



26.5572, 25.2383, 27.8413



21.9612, 25.2383, 23.7927



25.1386, 25.2383, 34.3162

Square

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



21.9612, 25.2383, 23.7927



22.6635, 25.2383, 33.9010



26.1363, 25.2383, 31.5303



25.3636, 25.2383, 21.9261

Rectangle

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



21.9612, 25.2383, 23.7927



21.6902, 25.2383, 29.6275



26.1363, 25.2383, 31.5303



26.4431, 25.2383, 25.4393

Sweetspot

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



21.9619, 25.2394, 23.7933



42.9677, 46.5541, 48.3790



24.1938, 26.4049, 23.2238



9.5111, 10.3565, 10.6760



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.



21.9619, 25.2394, 23.7933



37.5636, 43.9440, 40.1836



22.5385, 25.4700, 26.8297



5.3671, 6.0391, 5.8990



8.7777, 17.4070, 3.3836



0.0880, 0.1680, 0.0536

Inverse Universe

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



23.2234, 22.3120, 27.8947



40.1776, 37.8781, 48.6817



22.6216, 22.0713, 24.7253



5.5993, 5.5003, 6.6540



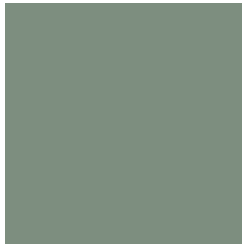
13.3605, 6.5012, 18.0817



0.1327, 0.0642, 0.1992

Previews

White Background



This preview shows how the XYZ color 21.9612, 25.2383, 23.7927 looks on a white background.

Color Contrast Check

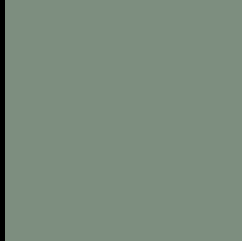
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9612, 25.2383, 23.7927 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

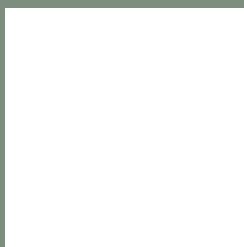
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9612, 25.2383, 23.7927

Background



This preview shows how black text looks on a background with the XYZ color 21.9612, 25.2383, 23.7927.



This preview shows how white text looks on a background with the XYZ color 21.9612, 25.2383, 23.7927.

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

21.9612, 25.2383, 23.7927

Protanopia

23.9114, 25.1862, 22.6699

Deuteranopia

25.6764, 25.2301, 24.2855



Tritanopia

23.7909, 25.3344, 32.4903

Trichromacy



Original Color

21.9612, 25.2383, 23.7927

Protanomaly

23.0876, 25.1801, 23.0454

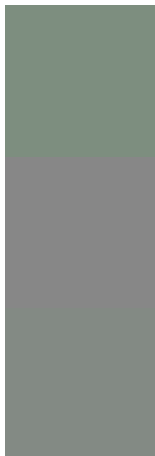
Deuteranomaly

24.0281, 25.0065, 23.9824

Tritanomaly

23.1627, 25.2984, 29.2535

Monochromacy



Original Color

21.9612, 25.2383, 23.7927

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6134, 24.6682, 25.3994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9612, 25.2383, 23.7927 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(125, 142, 127) looks like.

```
.text, #text, p{  
    color:rgb(125, 142, 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(125, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 142, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.9612, 25.2383, 23.7927 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(125, 142, 127) }
```


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

```
.border{ border-color:rgb(125, 142, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 142, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(125, 142,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9612, 25.2383, 23.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 142, 127) }
```

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

```
.background{ background-color: rgb(125,  
142, 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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