

Converting Colors

XYZ(21.8622, 27.6727, 27.2282)

Have a look what the booklet for
XYZ(21.8622, 27.6727, 27.2282)
contains.

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Color

**XYZ(21.8278, 27.6575,
27.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9987
RGB	107, 153, 135
RGB Percent	42%, 60%, 53%
CMY	0.5804, 0.4000, 0.4706
CMYK	0.30, 0.00, 0.12, 0.40
HSL	157°, 18%, 51%
HSV	157°, 30%, 60%
XYZ	21.8278, 27.6575, 27.1097
YIQ	137.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

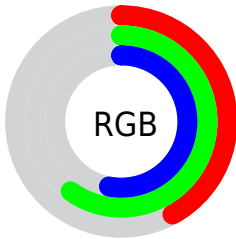
Format	Color
RYB	107, 136, 153
Decimal	7051655
CIELab	59.58, -19.58, 4.49
CIELCh	60, 20.083, 167.091
Yxy	27.6575, 0.2850, 0.3611
Android (android.graphics.Color)	4285241735 (0xFF6B9987)
YUV	137.1940, -1.0816, -26.4801
Hunter-Lab	52.5904, -17.9462, 6.2500

Details

The XYZ color **21.8278, 27.6575, 27.1097** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0972, 18.7690, 21.8612**, and the grayscale version is **23.8616, 25.1043, 27.3386**.

A 20% lighter version of the original color is **46.1302, 56.2162, 55.9964**, and **8.0784, 11.0285, 10.2973** is the 20% darker color. If you saturate the color by 10%, you get **19.7389, 26.6287, 24.8732**, and if you desaturate by 10%, it is **24.2674, 28.8658, 29.4875**.

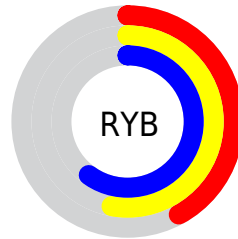
Distribution



Red (42%)

Green (60%)

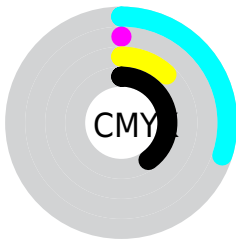
Blue (53%)



Red (42%)

Yellow (53%)

Blue (60%)

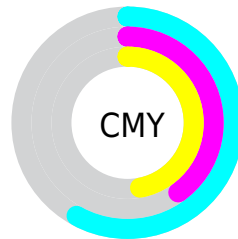


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8278, 27.6575, 27.1097 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 21.8278, 27.6575, 27.1097 by changing the saturation by 10% instead.

■ 21.8278, 27.6575,
27.1097

■ 21.8278, 27.6575,
27.1097

254.2950,
290.8267, 301.9648

■ 13.8463, 18.0676,
17.4225

■ 45.9422, 55.9372,
56.0657

■ 8.0948, 10.9986,
10.3710

■ 62.8058, 75.3957,
76.1716

■ 4.2080, 6.0659,
5.5368

■ 83.3609, 98.9127,
100.5874

■ 1.8205, 2.8852,
2.5014

■ 107.9727,
126.8724, 129.7317

■ 0.5300, 1.0721,
0.8409

137.0067,
159.6593, 164.0231

■ 0.0000, 0.0000,
0.0000

170.8282,

197.6577, 203.8801

209.8025,
241.2520, 249.7211

■ 21.8278, 27.6575,
27.1097

■ 21.8278, 27.6575,
27.1097

■ 19.7389, 26.6287,
24.8732

■ 24.2674, 28.8658,
29.4875

■ 17.9810, 25.7671,
22.7734

■ 27.0718, 30.2587,
32.0076

■ 16.5356, 25.0640,
20.8080

■ 30.2569, 31.8450,
34.6732

■ 15.3815, 24.5085,
18.9738

■ 33.8371, 33.6320,
37.4868

■ 14.4950, 24.0883,
17.2674

■ 37.8259, 35.6269,
40.4510

■ 13.8478, 23.7890,
15.6855

■ 42.2364, 37.8361,
43.5680

■ 13.3732, 23.5760,
14.2316

■ 47.0807, 40.2660,
46.8404

■ 52.3708, 42.9227,
50.2703

■ 58.1179, 45.8120,
53.8599

Harmonies

Analogous

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



22.8850, 27.6575, 21.5946



21.8278, 27.6575, 27.1097



21.9090, 27.6575, 34.3946

Triad

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



21.8278, 27.6575, 27.1097



27.7425, 27.6575, 45.4799



29.7385, 27.6575, 21.0239

Complementary

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



21.8278, 27.6575, 27.1097



22.0972, 18.7690, 21.8612

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.



31.2139, 27.6575, 26.2047



21.8278, 27.6575, 27.1097



30.0118, 27.6575, 40.6235

Square

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



21.8278, 27.6575, 27.1097



25.2164, 27.6575, 45.8270



31.3170, 27.6575, 33.3331



27.3887, 27.6575, 18.4793

Rectangle

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



21.8278, 27.6575, 27.1097



22.5971, 27.6575, 39.3162



31.3170, 27.6575, 33.3331



30.3595, 27.6575, 22.4734

Sweetspot

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



21.8286, 27.6586, 27.1103



48.9590, 54.4256, 57.7329



22.5619, 28.2353, 18.1712



10.6508, 11.9382, 12.6098



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.8286, 27.6586, 27.1103



36.5362, 48.2713, 45.8595



22.4668, 26.7323, 34.1140



6.2821, 6.9856, 7.4090



11.0689, 19.4910, 11.8496



0.1833, 0.2985, 0.2708

Inverse Universe

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



22.0972, 18.7690, 21.8612



37.0973, 29.7610, 34.9391



21.5417, 19.3348, 16.5069



6.3039, 6.2607, 6.9804



11.5442, 5.8719, 4.1248



0.1897, 0.0946, 0.1515

Previews

White Background



This preview shows how the XYZ color 21.8278, 27.6575, 27.1097 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 21.8278, 27.6575, 27.1097 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 21.8278, 27.6575, 27.1097

Background



This preview shows how black text looks on a background with the XYZ color 21.8278, 27.6575, 27.1097.

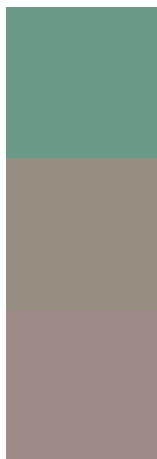


This preview shows how white text looks on a background with the XYZ color 21.8278, 27.6575,

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

21.8278, 27.6575, 27.1097

Protanopia

26.0299, 27.3205, 24.6703

Deuteranopia

27.9740, 27.3829, 27.8558



Tritanopia

23.9905, 27.5788, 37.7770

Trichromacy



Original Color

21.8278, 27.6575, 27.1097

Protanomaly

24.2071, 27.2648, 25.4595

Deuteranomaly

25.1530, 27.0265, 27.5578

Tritanomaly

23.1294, 27.4592, 33.7869

Monochromacy



Original Color

21.8278, 27.6575, 27.1097

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8706, 25.8581, 27.0783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8278, 27.6575, 27.1097 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(107, 153, 135)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 135)  
}
```

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(107, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.8278, 27.6575, 27.1097 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(107, 153, 135) }
```


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

```
.border{ border-color:rgb(107, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 135);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8278, 27.6575, 27.1097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 135) }
```

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

```
.background{ background-color: rgb(107,  
153, 135) }
```

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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