

Converting Colors

XYZ(21.6637, 21.8039, 28.7151)

Have a look what the booklet for
XYZ(21.6637, 21.8039, 28.7151)
contains.

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Color

**XYZ(21.6778, 21.8776,
28.6714)**

Conversions

Conversions Part 1

Format	Color
Hex	827F8E
RGB	130, 127, 142
RGB Percent	51%, 50%, 56%
CMY	0.4902, 0.5019, 0.4431
CMYK	0.08, 0.11, 0.00, 0.44
HSL	252°, 6%, 53%
HSV	252°, 11%, 56%
XYZ	21.6778, 21.8776, 28.6714
YIQ	129.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

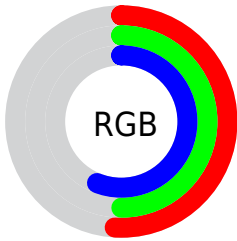
Format	Color
R _Y B	130, 127, 142
Decimal	8552334
CIE Lab	53.90, 4.21, -7.68
CIE LCh	54, 8.758, 298.727
Yxy	21.8776, 0.3001, 0.3029
Android (android.graphics.Color)	4286742414 (0xFF827F8E)
YUV	129.6070, 6.1097, 0.3447
Hunter-Lab	46.7735, 0.8746, -3.6024

Details

The XYZ color **21.6778, 21.8776, 28.6714** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1520, 26.3678, 23.8963**, and the grayscale version is **21.0599, 22.1566, 24.1286**.

A 20% lighter version of the original color is **45.8135, 46.6953, 58.8230**, and **8.0495, 7.9708, 11.2395** is the 20% darker color. If you saturate the color by 10%, you get **18.3241, 17.6159, 28.0259**, and if you desaturate by 10%, it is **25.4837, 26.7574, 29.4130**.

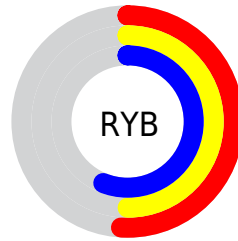
Distribution



Red (51%)

Green (50%)

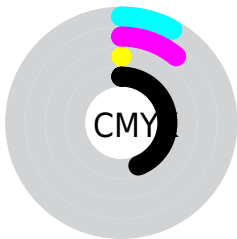
Blue (56%)



Red (51%)

Yellow (50%)

Blue (56%)

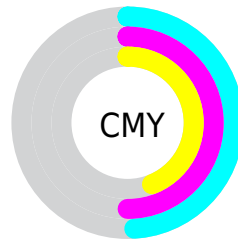


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6778, 21.8776, 28.6714 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 21.6778, 21.8776, 28.6714 by changing the saturation by 10% instead.

■ 21.6778, 21.8776,
28.6714

■ 21.6778, 21.8776,
28.6714

253.5231,
261.9064, 309.6736

■ 13.7356, 13.7670,
18.5889

■ 45.6957, 46.5436,
58.5905

■ 8.0175, 7.9588,
11.1998

■ 62.5022, 63.8678,
79.2643

■ 4.1580, 4.0686,
6.0856

■ 82.9941, 85.0320,
104.3056

■ 1.7919, 1.7120,
2.8275

107.5368,
110.4205, 134.1329

■ 0.5128, 0.4314,
1.0073

136.4957,
140.4179, 169.1648

■ 0.0000, 0.0000,
0.0000

170.2362,

175.4083, 209.8199

209.1235,
215.7764, 256.5167

■ 21.6778, 21.8776,
28.6714

■ 21.6778, 21.8776,
28.6714

■ 18.3241, 17.6159,
28.0259

■ 25.4837, 26.7574,
29.4130

■ 15.4038, 13.9448,
27.4712

■ 29.7560, 32.2757,
30.2530

■ 12.8994, 10.8387,
27.0037

■ 34.5106, 38.4556,
31.1953

■ 10.7915, 8.2693,
26.6188

■ 39.7620, 45.3182,
32.2431

■ 9.0592, 6.2057,
26.3118

■ 45.5241, 52.8835,
33.3996

■ 7.6797, 4.6137,
26.0773

■ 51.8105, 61.1708,
34.6679

■ 6.6272, 3.4550,
25.9091

■ 58.6339, 70.1985,
36.0508

■ 5.8725, 2.6847,
25.8002

■ 66.0069, 79.9847,
37.5511

■ 5.3721, 2.2054,
25.7340

■ 73.9413, 90.5464,
39.1716

Harmonies

Analogous

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



20.7538, 21.8776, 29.3993



21.6778, 21.8776, 28.6714



22.3827, 21.8776, 26.6198

Triad

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



21.6778, 21.8776, 28.6714



21.7496, 21.8776, 19.6523



19.0333, 21.8776, 23.7058

Complementary

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



21.6778, 21.8776, 28.6714



24.1520, 26.3678, 23.8963

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.



19.2823, 21.8776, 21.2255



21.6778, 21.8776, 28.6714



20.8343, 21.8776, 18.9971

Square

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



21.6778, 21.8776, 28.6714



22.4250, 21.8776, 21.4111



19.9346, 21.8776, 19.5510



19.2441, 21.8776, 26.4053

Rectangle

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



21.6778, 21.8776, 28.6714



22.6235, 21.8776, 24.8506



19.9346, 21.8776, 19.5510



19.0659, 21.8776, 22.8202

Sweetspot

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



21.6784, 21.8785, 28.6719



43.1836, 44.9281, 51.5238



22.9045, 25.0034, 29.2104



9.5299, 9.8867, 11.4855



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.



21.6784, 21.8785, 28.6719



36.5482, 36.4389, 50.2350



22.8301, 22.4722, 28.7258



5.2241, 5.3037, 6.7771



4.8362, 1.9867, 23.1057



0.0611, 0.0266, 0.2216

Inverse Universe

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



23.4056, 22.7946, 27.5933



40.3152, 38.4375, 47.8514



22.9811, 25.7642, 23.8415



5.5807, 5.4928, 6.5559



12.7297, 6.2489, 14.7598



0.1293, 0.0628, 0.1811

Previews

White Background



This preview shows how the XYZ color 21.6778, 21.8776, 28.6714 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 21.6778, 21.8776, 28.6714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

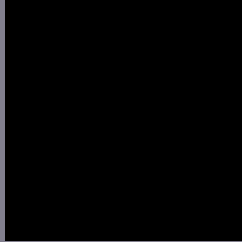
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6778, 21.8776, 28.6714

Background



This preview shows how black text looks on a background with the XYZ color 21.6778, 21.8776, 28.6714.



This preview shows how white text looks on a background with the XYZ color 21.6778, 21.8776,

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

21.6778, 21.8776, 28.6714

Protanopia

21.4295, 21.9335, 29.0907

Deuteranopia

22.2078, 21.7711, 28.6230



Tritanopia

21.3599, 21.9404, 27.1539

Trichromacy



Original Color

21.6778, 21.8776, 28.6714

Protanomaly

21.5792, 22.0107, 29.0977

Deuteranomaly

22.0162, 21.8612, 28.6504

Tritanomaly

21.4326, 21.9696, 27.5370

Monochromacy



Original Color

21.6778, 21.8776, 28.6714

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.3593, 22.1676, 25.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6778, 21.8776, 28.6714 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(130, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(130, 127, 142)  
}
```

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(130, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 127, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.6778, 21.8776, 28.6714 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(130, 127, 142) }
```


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

```
.border{ border-color:rgb(130, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 127, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 127, 142);  
box-shadow:4px 4px 4px 4px rgb(130, 127,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6778, 21.8776, 28.6714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 127, 142) }
```

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

```
.background{ background-color: rgb(130,  
127, 142) }
```

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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