

Converting Colors

XYZ(24.7277, 28.1233, 27.5001)

Have a look what the booklet for
XYZ(24.7277, 28.1233, 27.5001)
contains.

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Color

**XYZ(24.7071, 28.1780,
27.4292)**

Conversions

Conversions Part 1

Format	Color
Hex	849588
RGB	132, 149, 136
RGB Percent	52%, 58%, 53%
CMY	0.4823, 0.4157, 0.4667
CMYK	0.11, 0.00, 0.09, 0.42
HSL	134°, 7%, 55%
HSV	134°, 11%, 58%
XYZ	24.7071, 28.1780, 27.4292
YIQ	142.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

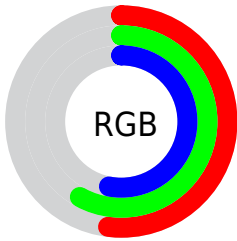
Format	Color
R_YB	132, 146, 149
Decimal	8689032
CIE Lab	60.05, -8.70, 4.81
CIE LCh	60, 9.935, 151.067
Yxy	28.1780, 0.3076, 0.3508
Android (android.graphics.Color)	4286879112 (0xFF849588)
YUV	142.4350, -3.1725, -9.1515
Hunter-Lab	53.0830, -9.8136, 6.5215

Details

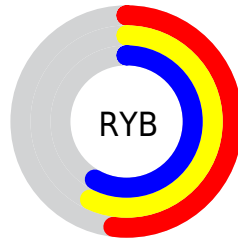
The XYZ color **24.7071, 28.1780, 27.4292** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7576, 24.9371, 30.2452**, and the grayscale version is **25.8981, 27.2468, 29.6717**.

A 20% lighter version of the original color is **50.5488, 56.7003, 56.4242**, and **9.5271, 11.2011, 10.4640** is the 20% darker color. If you saturate the color by 10%, you get **21.7742, 26.7555, 23.2871**, and if you desaturate by 10%, it is **28.0605, 29.8089, 32.0417**.

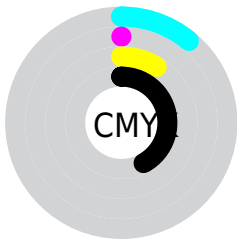
Distribution



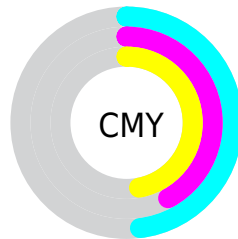
- Red (52%)
- Green (58%)
- Blue (53%)



- Red (52%)
- Yellow (57%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7071, 28.1780, 27.4292 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 24.7071, 28.1780, 27.4292 by changing the saturation by 10% instead.

■ 24.7071, 28.1780,
27.4292

■ 24.7071, 28.1780,
27.4292

268.7507,
293.3165, 303.5549

■ 15.9865, 18.4599,
17.6605

■ 50.6280, 56.7685,
56.5839

■ 9.6054, 11.2807,
10.5396

■ 68.5590, 76.4097,
76.8071

■ 5.1984, 6.2559,
5.6479

■ 90.2909, 100.1273,
101.3521

■ 2.4001, 3.0013,
2.5669

116.1890,
128.3058, 130.6376

■ 0.8451, 1.1324,
0.8753

146.6187,
161.3296, 165.0821

■ 0.0000, 0.0054,
0.0000

181.9453,

■ 0.0000, 0.0000,

199.5831, 205.1041

0.0000

222.5342,
243.4506, 251.1222

■ 24.7071, 28.1780,
27.4292

■ 24.7071, 28.1780,
27.4292

■ 21.7742, 26.7555,
23.2871

■ 28.0605, 29.8089,
32.0417

■ 19.2428, 25.5295,
19.5987

■ 31.8479, 31.6526,
37.1368

■ 17.0957, 24.4924,
16.3491

■ 36.0849, 33.7175,
42.7286

■ 15.3138, 23.6345,
13.5220

■ 40.7859, 36.0107,
48.8302

■ 13.8762, 22.9455,
11.0998

■ 45.9643, 38.5390,
55.4539

■ 12.7597, 22.4138,
9.0639

■ 51.6333, 41.3089,
62.6120

■ 11.9383, 22.0265,
7.3941

■ 57.8052, 44.3266,
70.3160

■ 11.3816, 21.7683,
6.0685

■ 64.4924, 47.5980,
78.5772

■ 11.0522, 21.6176,
5.1845

■ 67.5023, 48.9617,
87.2100

Harmonies

Analogous

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



25.5452, 28.1780, 25.0865



24.7071, 28.1780, 27.4292



24.4206, 28.1780, 30.8112

Triad

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



24.7071, 28.1780, 27.4292



26.8277, 28.1780, 38.1957



28.9229, 28.1780, 27.2209

Complementary

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



24.7071, 28.1780, 27.4292



25.7576, 24.9371, 30.2452

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.



29.2917, 28.1780, 30.5513



24.7071, 28.1780, 27.4292



28.0588, 28.1780, 37.0511

Square

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



24.7071, 28.1780, 27.4292



25.6214, 28.1780, 37.1986



28.9707, 28.1780, 34.1803



27.9778, 28.1780, 24.9731

Rectangle

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



24.7071, 28.1780, 27.4292



24.5736, 28.1780, 33.2570



28.9707, 28.1780, 34.1803



29.1197, 28.1780, 28.2417

Sweetspot

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



24.7079, 28.1792, 27.4298



49.2067, 52.8737, 55.9579



26.5964, 29.1850, 26.0617



10.7996, 11.6663, 12.2572



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.7079, 28.1792, 27.4298



42.6614, 49.6931, 46.9043



25.3339, 28.4296, 30.7263



5.7822, 6.4895, 6.4640



9.3116, 18.1974, 4.4165



0.1239, 0.2267, 0.1061

Inverse Universe

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



25.7576, 24.9371, 30.2452



44.9692, 42.5646, 53.0937



25.1285, 24.6855, 26.9328



5.9776, 5.8861, 6.9880



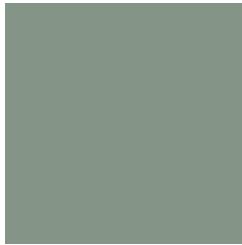
12.9972, 6.4039, 13.9979



0.1704, 0.0829, 0.2310

Previews

White Background



This preview shows how the XYZ color 24.7071, 28.1780, 27.4292 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 24.7071, 28.1780, 27.4292 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

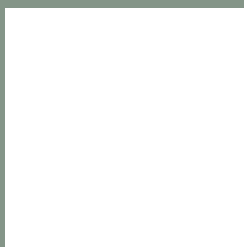
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7071, 28.1780, 27.4292

Background



This preview shows how black text looks on a background with the XYZ color 24.7071, 28.1780, 27.4292.

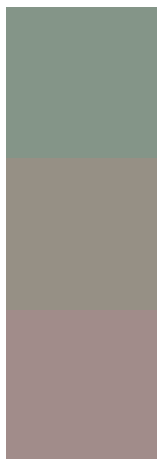


This preview shows how white text looks on a background with the XYZ color 24.7071, 28.1780,

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

24.7071, 28.1780, 27.4292

Protanopia

26.7846, 28.1240, 26.2071

Deuteranopia

28.6635, 28.1682, 27.9710



Tritanopia

26.5180, 28.2263, 35.9489

Trichromacy



Original Color

24.7071, 28.1780, 27.4292

Protanomaly

25.9097, 28.1186, 26.6161

Deuteranomaly

26.9155, 27.9351, 27.6403

Tritanomaly

25.8502, 28.1883, 32.5122

Monochromacy



Original Color

24.7071, 28.1780, 27.4292

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3403, 27.5475, 28.7926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7071, 28.1780, 27.4292 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(132, 149, 136)` looks like.

```
.text, #text, p{  
    color:rgb(132, 149, 136)  
}
```

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(132, 149, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 149, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.7071, 28.1780, 27.4292 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(132, 149, 136) }
```


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

```
.border{ border-color:rgb(132, 149, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 149, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 149, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 149, 136);  
box-shadow:4px 4px 4px 4px rgb(132, 149,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7071, 28.1780, 27.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 149, 136) }
```

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

```
.background{ background-color: rgb(132,  
149, 136) }
```

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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