

Converting Colors

XYZ(24.3239, 28.2824, 26.1629)

Have a look what the booklet for
XYZ(24.3239, 28.2824, 26.1629)
contains.

XYZ(24.2771, 28.2245, 25.9981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2771, 28.2245,
25.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	829684
RGB	130, 150, 132
RGB Percent	51%, 59%, 52%
CMY	0.4902, 0.4118, 0.4823
CMYK	0.13, 0.00, 0.12, 0.41
HSL	126°, 9%, 55%
HSV	126°, 13%, 59%
XYZ	24.2771, 28.2245, 25.9981
YIQ	141.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

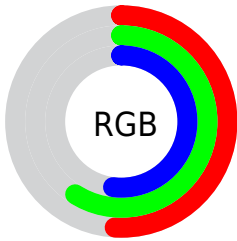
Format	Color
R_{YB}	130, 148, 150
Decimal	8558212
CIE _{Lab}	60.09, -10.74, 7.11
CIE _{LCh}	60, 12.881, 146.471
Yxy	28.2245, 0.3093, 0.3595
Android (android.graphics.Color)	4286748292 (0xFF829684)
YUV	141.9680, -4.9142, -10.4959
Hunter-Lab	53.1267, -11.4034, 8.1746

Details

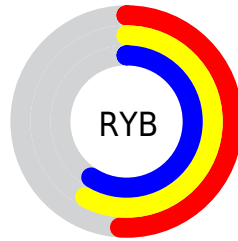
The XYZ color **24.2771, 28.2245, 25.9981** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9066, 24.5880, 31.3988**, and the grayscale version is **25.7197, 27.0591, 29.4674**.

A 20% lighter version of the original color is **49.8783, 56.7558, 54.2250**, and **9.4165, 11.2975, 9.8680** is the 20% darker color. If you saturate the color by 10%, you get **21.2771, 26.7787, 21.3434**, and if you desaturate by 10%, it is **27.7337, 29.8935, 31.2995**.

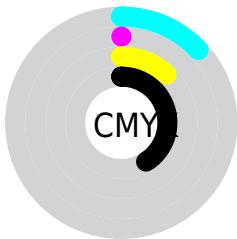
Distribution



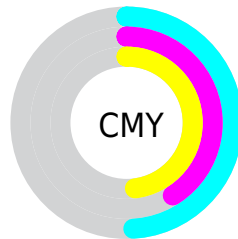
- Red (51%)
- Green (59%)
- Blue (52%)



- Red (51%)
- Yellow (58%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2771, 28.2245, 25.9981 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 24.2771, 28.2245, 25.9981 by changing the saturation by 10% instead.

■ 24.2771, 28.2245,
25.9981

■ 24.2771, 28.2245,
25.9981

266.6330,
293.5381, 296.3779

■ 15.6651, 18.4950,
16.5965

■ 49.9334, 56.8427,
54.2559

■ 9.3769, 11.3059,
9.7883

■ 67.7085, 76.5001,
73.9492

■ 5.0469, 6.2730,
5.1551

■ 89.2686, 100.2356,
97.9101

■ 2.3098, 3.0118,
2.2782

114.9792,
128.4336, 126.5572

■ 0.7997, 1.1379,
0.7190

145.2056,
161.4784, 160.3089

■ 0.0000, 0.0101,
0.0000

180.3131,

■ 0.0000, 0.0000,

199.7545, 199.5840

0.0000

220.6671,
243.6463, 244.8008

■ 24.2771, 28.2245,
25.9981

■ 24.2771, 28.2245,
25.9981

■ 21.2771, 26.7787,
21.3434

■ 27.7337, 29.8935,
31.2995

■ 18.7123, 25.5431,
17.3089

■ 31.6625, 31.7908,
37.2690

■ 16.5632, 24.5091,
13.8689

■ 36.0812, 33.9259,
43.9294

■ 14.8078, 23.6660,
10.9954

■ 41.0058, 36.3065,
51.3020

■ 13.4221, 23.0019,
8.6579

■ 46.4516, 38.9402,
59.4068

■ 12.3795, 22.5040,
6.8232

■ 52.4335, 41.8341,
68.2634

■ 11.6496, 22.1572,
5.4545

■ 58.9654, 44.9952,
77.8905

■ 11.1969, 21.9443,
4.5097

■ 66.0611, 48.4299,
88.3061

■ 10.9932, 21.8483,
4.0898

■ 69.9567, 50.1978,
99.3509

Harmonies

Analogous

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



25.4422, 28.2245, 23.3201



24.2771, 28.2245, 25.9981



23.7939, 28.2245, 30.1779

Triad

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



24.2771, 28.2245, 25.9981



26.6325, 28.2245, 40.6807



29.7565, 28.2245, 26.8708

Complementary

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



24.2771, 28.2245, 25.9981



25.9066, 24.5880, 31.3988

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.



30.1065, 28.2245, 31.2922



24.2771, 28.2245, 25.9981



28.2602, 28.2245, 39.5675

Square

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



24.2771, 28.2245, 25.9981



25.1183, 28.2245, 38.9119



29.5485, 28.2245, 36.0076



28.6105, 28.2245, 23.7867

Rectangle

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



24.2771, 28.2245, 25.9981



23.9083, 28.2245, 33.3703



29.5485, 28.2245, 36.0076



29.9731, 28.2245, 28.2359

Sweetspot

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



24.2779, 28.2257, 25.9987



48.4594, 52.5200, 54.4979



27.1496, 29.7218, 25.4252



10.6400, 11.5912, 11.9259



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.



24.2779, 28.2257, 25.9987



41.1821, 49.0084, 43.3141



24.9956, 28.5128, 29.7782



5.7518, 6.4773, 6.3037



9.1232, 18.1221, 3.4245



0.1163, 0.2237, 0.0663

Inverse Universe

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



25.9066, 24.5880, 31.3988



44.6280, 41.3118, 54.7385



25.1486, 24.2848, 27.4074



6.0106, 5.8993, 7.1619



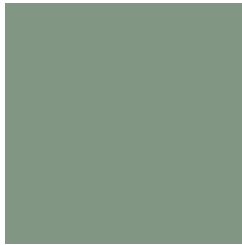
14.0652, 6.8311, 19.6223



0.1780, 0.0859, 0.2708

Previews

White Background



This preview shows how the XYZ color 24.2771, 28.2245, 25.9981 looks on a white background.

Color Contrast Check

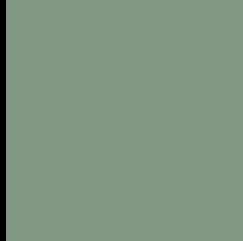
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2771, 28.2245, 25.9981 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

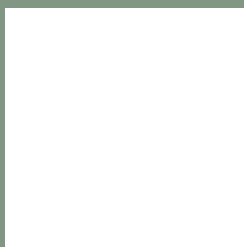
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2771, 28.2245, 25.9981

Background



This preview shows how black text looks on a background with the XYZ color 24.2771, 28.2245, 25.9981.



This preview shows how white text looks on a background with the XYZ color 24.2771, 28.2245,

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

24.2771, 28.2245, 25.9981

Protanopia

26.6982, 28.1108, 24.7877

Deuteranopia

28.5815, 28.1588, 26.4830



Tritanopia

26.2820, 28.0947, 36.3854

Trichromacy



Original Color

24.2771, 28.2245, 25.9981

Protanomaly

25.6358, 28.0091, 25.1742

Deuteranomaly

26.7846, 28.1240, 26.2071

Tritanomaly

25.5314, 28.0239, 32.4973

Monochromacy



Original Color

24.2771, 28.2245, 25.9981

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1941, 27.4890, 28.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2771, 28.2245, 25.9981 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, 150, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 150, 132)  
}
```

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, 150, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 150, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.2771, 28.2245, 25.9981 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, 150, 132) }
```


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

```
.border{ border-color:rgb(130, 150, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 150, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 150, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 150, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 150,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2771, 28.2245, 25.9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 150, 132) }
```

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

```
.background{ background-color: rgb(130,  
150, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor