

Converting Colors

XYZ(24.7384, 27.5011, 29.7374)

Have a look what the booklet for
XYZ(24.7384, 27.5011, 29.7374)
contains.

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Color

**XYZ(24.6771, 27.4163,
29.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	84928E
RGB	132, 146, 142
RGB Percent	52%, 57%, 56%
CMY	0.4823, 0.4274, 0.4431
CMYK	0.10, 0.00, 0.03, 0.43
HSL	163°, 6%, 55%
HSV	163°, 10%, 57%
XYZ	24.6771, 27.4163, 29.5824
YIQ	141.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

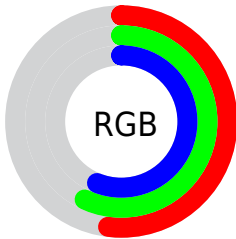
Format	Color
R_{YB}	132, 140, 146
Decimal	8688270
CIE _{Lab}	59.36, -5.84, 0.39
CIE _{LCh}	59, 5.857, 176.164
Yxy	27.4163, 0.3021, 0.3357
Android (android.graphics.Color)	4286878350 (0xFF84928E)
YUV	141.3580, 0.3165, -8.2070
Hunter-Lab	52.3606, -7.5055, 3.1551

Details

The XYZ color **24.6771, 27.4163, 29.5824** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5503, 24.3918, 26.7081**, and the grayscale version is **25.4594, 26.7853, 29.1692**.

A 20% lighter version of the original color is **50.6257, 55.6084, 60.2898**, and **9.5943, 10.9323, 11.7297** is the 20% darker color. If you saturate the color by 10%, you get **22.2445, 26.1985, 27.8638**, and if you desaturate by 10%, it is **27.4426, 28.8058, 31.3790**.

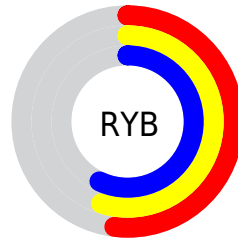
Distribution



Red (52%)

Green (57%)

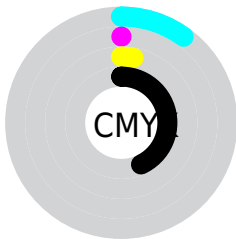
Blue (56%)



Red (52%)

Yellow (55%)

Blue (57%)

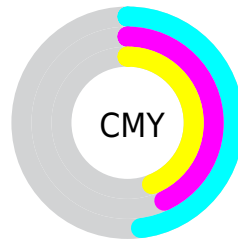


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (43%)



Cyan (48%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6771, 27.4163, 29.5824 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 24.6771, 27.4163, 29.5824 by changing the saturation by 10% instead.

■ 24.6771, 27.4163,
29.5824

■ 24.6771, 27.4163,
29.5824

268.6034,
289.6672, 314.0995

■ 15.9641, 17.8861,
19.2725

■ 50.5796, 55.5512,
60.0543

■ 9.5894, 10.8683,
11.6885

■ 68.4998, 74.9247,
81.0534

■ 5.1878, 5.9783,
6.4120

■ 90.2197, 98.3480,
106.4526

■ 2.3937, 2.8319,
3.0244

116.1048,
126.2057, 136.6705

■ 0.8420, 1.0446,
1.1071

146.5203,
158.8821, 172.1256

■ 0.0000, 0.0000,
0.0000

181.8317,

196.7615, 213.2364

222.4043,
240.2284, 260.4216

■ 24.6771, 27.4163,
29.5824

■ 24.6771, 27.4163,
29.5824

■ 22.2445, 26.1985,
27.8638

■ 27.4426, 28.8058,
31.3790

■ 20.1291, 25.1422,
26.2200

■ 30.5511, 30.3701,
33.2530

■ 18.3174, 24.2411,
24.6504

■ 34.0155, 32.1164,
35.2062

■ 16.7941, 23.4874,
23.1536

■ 37.8468, 34.0505,
37.2397

■ 15.5424, 22.8724,
21.7279

■ 42.0561, 36.1780,
39.3547

■ 14.5439, 22.3866,
20.3720

■ 46.6535, 38.5042,
41.5523

■ 13.7776, 22.0193,
19.0841

■ 51.6491, 41.0342,
43.8336

■ 13.2192, 21.7579,
17.8623

■ 57.0525, 43.7729,
46.1995

■ 12.8080, 21.5711,
16.7029

■ 59.7130, 45.0962,
48.5033

Harmonies

Analogous

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



24.9050, 27.4163, 27.6598



24.6771, 27.4163, 29.5824



24.8136, 27.4163, 31.6673

Triad

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



24.6771, 27.4163, 29.5824



26.6849, 27.4163, 33.6236



26.8512, 27.4163, 26.6225

Complementary

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



24.6771, 27.4163, 29.5824



24.5503, 24.3918, 26.7081

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.



27.3441, 27.4163, 28.1068



24.6771, 27.4163, 29.5824



27.2468, 27.4163, 32.1564

Square

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



24.6771, 27.4163, 29.5824



25.9642, 27.4163, 34.0635



27.4902, 27.4163, 30.1226



26.1528, 27.4163, 26.0022

Rectangle

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



24.6771, 27.4163, 29.5824



25.0942, 27.4163, 32.8593



27.4902, 27.4163, 30.1226



27.0469, 27.4163, 27.0334

Sweetspot

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



24.6779, 27.4175, 29.5830



46.6493, 49.9297, 54.2384



24.6305, 27.4759, 25.8355



10.2944, 11.0656, 12.0123



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.6779, 27.4175, 29.5830



42.3378, 47.7661, 51.3676



24.5574, 26.6870, 31.0523



5.8941, 6.5343, 7.0535



11.2662, 18.9793, 14.7091



0.1506, 0.2374, 0.2471

Inverse Universe

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



24.5503, 24.3918, 26.7081



42.0556, 41.0722, 45.0076



24.6559, 25.0499, 25.3659



5.8649, 5.8410, 6.3948



10.8039, 5.5266, 2.4482



0.1437, 0.0722, 0.0901

Previews

White Background



This preview shows how the XYZ color 24.6771, 27.4163, 29.5824 looks on a white background.

Color Contrast Check

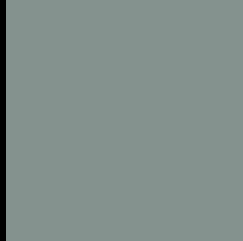
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6771, 27.4163, 29.5824 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

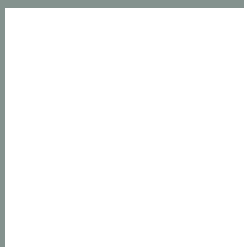
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6771, 27.4163, 29.5824

Background



This preview shows how black text looks on a background with the XYZ color 24.6771, 27.4163, 29.5824.

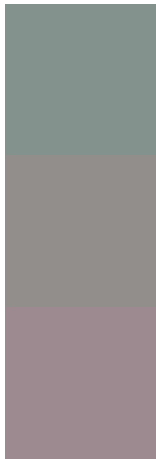


This preview shows how white text looks on a background with the XYZ color 24.6771, 27.4163,

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

24.6771, 27.4163, 29.5824

Protanopia

26.2607, 27.3504, 28.7060

Deuteranopia

27.8328, 27.2585, 30.1800



Tritanopia

25.7212, 27.3814, 34.9398

Trichromacy



Original Color

24.6771, 27.4163, 29.5824

Protanomaly

25.6147, 27.2307, 29.1053

Deuteranomaly

26.5154, 27.2360, 29.8462

Tritanomaly

25.3033, 27.4394, 32.8169

Monochromacy



Original Color

24.6771, 27.4163, 29.5824

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1114, 26.9713, 29.0818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6771, 27.4163, 29.5824 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, 146, 142)` looks like.

```
.text, #text, p{  
    color:rgb(132, 146, 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(132, 146, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 146, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.6771, 27.4163, 29.5824 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, 146, 142) }
```


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

```
.border{ border-color:rgb(132, 146, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 146, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 146, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 146, 142);  
box-shadow:4px 4px 4px 4px rgb(132, 146,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6771, 27.4163, 29.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 146, 142) }
```

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

```
.background{ background-color: rgb(132,  
146, 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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