

Converting Colors

XYZ(24.7938, 27.4814, 29.3735)

Have a look what the booklet for
XYZ(24.7938, 27.4814, 29.3735)
contains.

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Color

**XYZ(24.7595, 27.4674,
29.1961)**

Conversions

Conversions Part 1

Format	Color
Hex	85928D
RGB	133, 146, 141
RGB Percent	52%, 57%, 55%
CMY	0.4784, 0.4274, 0.4471
CMYK	0.09, 0.00, 0.03, 0.43
HSL	157°, 6%, 55%
HSV	157°, 9%, 57%
XYZ	24.7595, 27.4674, 29.1961
YIQ	141.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

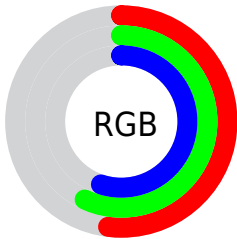
Format	Color
R_{YB}	133, 141, 146
Decimal	8753805
CIE _{Lab}	59.40, -5.69, 1.04
CIE _{LCh}	59, 5.785, 169.654
Yxy	27.4674, 0.3041, 0.3373
Android (android.graphics.Color)	4286943885 (0xFF85928D)
YUV	141.5430, -0.2677, -7.4922
Hunter-Lab	52.4094, -7.3885, 3.6574

Details

The XYZ color **24.7595, 27.4674, 29.1961** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8301, 24.7218, 27.5092**, and the grayscale version is **25.5342, 26.8639, 29.2548**.

A 20% lighter version of the original color is **50.7543, 55.6878, 59.7035**, and **9.6385, 10.9601, 11.5050** is the 20% darker color. If you saturate the color by 10%, you get **22.2055, 26.1986, 26.9502**, and if you desaturate by 10%, it is **27.6567, 28.9122, 31.5699**.

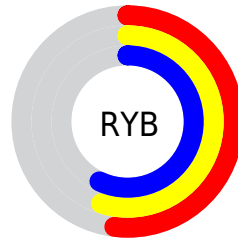
Distribution



Red (52%)

Green (57%)

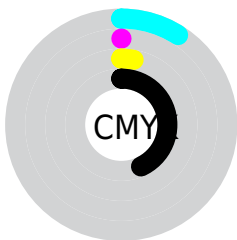
Blue (55%)



Red (52%)

Yellow (55%)

Blue (57%)

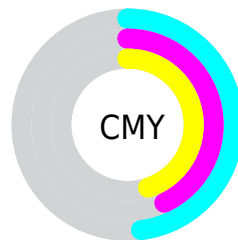


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (43%)



Cyan (48%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7595, 27.4674, 29.1961 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 24.7595, 27.4674, 29.1961 by changing the saturation by 10% instead.

■ 24.7595, 27.4674,
29.1961

■ 24.7595, 27.4674,
29.1961

269.0079,
289.9131, 312.2289

■ 16.0257, 17.9246,
18.9824

■ 50.7125, 55.6330,
59.4344

■ 9.6333, 10.8958,
11.4809

■ 68.6625, 75.0245,
80.2961

■ 5.2169, 5.9968,
6.2730

■ 90.4152, 98.4678,
105.5441

■ 2.4112, 2.8432,
2.9403

116.3360,
126.3471, 135.5970

■ 0.8507, 1.0504,
1.0642

146.7904,
159.0469, 170.8735

■ 0.0000, 0.0000,
0.0000

182.1436,

196.9516, 211.7919

222.7610,
240.4455, 258.7709

■ 24.7595, 27.4674,
29.1961

■ 24.7595, 27.4674,
29.1961

■ 22.2055, 26.1986,
26.9502

■ 27.6567, 28.9122,
31.5699

■ 19.9788, 25.0954,
24.8281

■ 30.9076, 30.5361,
34.0720

■ 18.0661, 24.1516,
22.8281

■ 34.5247, 32.3462,
36.7050

■ 16.4516, 23.3593,
20.9477

■ 38.5197, 34.3486,
39.4710

■ 15.1187, 22.7098,
19.1845

■ 42.9034, 36.5489,
42.3721

■ 14.0488, 22.1936,
17.5358

■ 47.6863, 38.9523,
45.4102

■ 13.2209, 21.8000,
15.9987

■ 52.8786, 41.5640,
48.5872

■ 12.6108, 21.5164,
14.5703

■ 58.4898, 44.3891,
51.9050

■ 12.1640, 21.3149,
13.2461

■ 60.9846, 45.6049,
55.1994

Harmonies

Analogous

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



25.0589, 27.4674, 27.3965



24.7595, 27.4674, 29.1961



24.8161, 27.4674, 31.2703

Triad

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



24.7595, 27.4674, 29.1961



26.5786, 27.4674, 33.8267



27.0198, 27.4674, 26.9667

Complementary

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



24.7595, 27.4674, 29.1961



24.8301, 24.7218, 27.5092

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.



27.4418, 27.4674, 28.5846



24.7595, 27.4674, 29.1961



27.1838, 27.4674, 32.5671

Square

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



24.7595, 27.4674, 29.1961



25.8574, 27.4674, 34.0091



27.5024, 27.4674, 30.6300



26.3581, 27.4674, 26.1494

Rectangle

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



24.7595, 27.4674, 29.1961



25.0483, 27.4674, 32.5280



27.5024, 27.4674, 30.6300



27.1949, 27.4674, 27.4313

Sweetspot

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



24.7603, 27.4686, 29.1967



46.5894, 49.9057, 53.9232



25.0278, 27.6728, 26.2131



10.2779, 11.0590, 11.9252



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.



24.7603, 27.4686, 29.1967



42.5806, 47.9093, 50.5657



24.9417, 27.2223, 31.1353



5.8705, 6.5248, 6.9289



10.6742, 18.7425, 11.5919



0.1451, 0.2352, 0.2180

Inverse Universe

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



24.8301, 24.7218, 27.5092



42.7334, 41.8965, 46.8719



24.6552, 24.9385, 25.7049



5.8876, 5.8501, 6.5144



11.0737, 5.6345, 3.8692



0.1492, 0.0744, 0.1192

Previews

White Background



This preview shows how the XYZ color 24.7595, 27.4674, 29.1961 looks on a white background.

Color Contrast Check

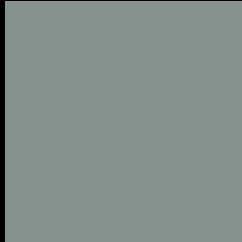
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7595, 27.4674, 29.1961 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

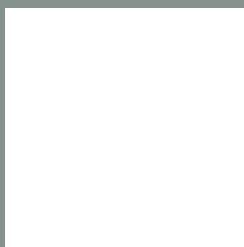
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7595, 27.4674, 29.1961

Background



This preview shows how black text looks on a background with the XYZ color 24.7595, 27.4674, 29.1961.



This preview shows how white text looks on a background with the XYZ color 24.7595, 27.4674,

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

24.7595, 27.4674, 29.1961

Protanopia

26.1873, 27.3211, 28.3194

Deuteranopia

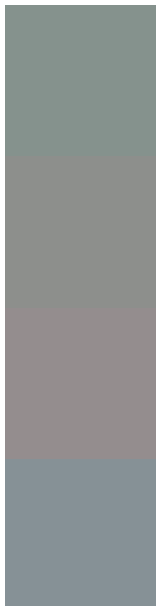
27.9510, 27.3282, 29.7883



Tritanopia

25.8813, 27.4640, 34.9473

Trichromacy



Original Color

24.7595, 27.4674, 29.1961

Protanomaly

25.5406, 27.2011, 28.7151

Deuteranomaly

26.6201, 27.2986, 29.4573

Tritanomaly

25.4619, 27.5211, 32.8243

Monochromacy



Original Color

24.7595, 27.4674, 29.1961

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3524, 27.0869, 29.4833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7595, 27.4674, 29.1961 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(133, 146, 141)` looks like.

```
.text, #text, p{  
    color:rgb(133, 146, 141)  
}
```

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(133, 146, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 146, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.7595, 27.4674, 29.1961 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(133, 146, 141) }
```


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

```
.border{ border-color:rgb(133, 146, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 146, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 146, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 146, 141);  
box-shadow:4px 4px 4px 4px rgb(133, 146,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7595, 27.4674, 29.1961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 146, 141) }
```

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

```
.background{ background-color: rgb(133,  
146, 141) }
```

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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