

Converting Colors

XYZ(25.4727, 28.5392, 28.9770)

Have a look what the booklet for
XYZ(25.4727, 28.5392, 28.9770)
contains.

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Color

**XYZ(25.4727, 28.5392,
28.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	87958C
RGB	135, 149, 140
RGB Percent	53%, 58%, 55%
CMY	0.4706, 0.4157, 0.4510
CMYK	0.09, 0.00, 0.06, 0.42
HSL	141°, 6%, 56%
HSV	141°, 9%, 58%
XYZ	25.4727, 28.5392, 28.9770
YIQ	143.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

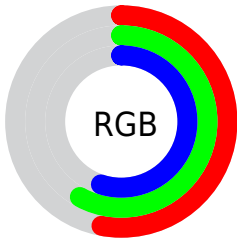
Format	Color
R_{YB}	135, 145, 149
Decimal	8885644
CIE Lab	60.37, -6.83, 3.03
CIE LCh	60, 7.470, 156.056
Yxy	28.5392, 0.3069, 0.3439
Android (android.graphics.Color)	4287075724 (0xFF87958C)
YUV	143.7880, -1.8675, -7.7071
Hunter-Lab	53.4221, -8.3764, 5.2356

Details

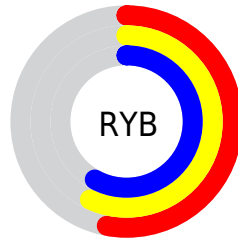
The XYZ color **25.4727, 28.5392, 28.9770** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.0934, 25.7318, 29.9783**, and the grayscale version is **26.4334, 27.8100, 30.2851**.

A 20% lighter version of the original color is **51.8326, 57.2983, 59.3667**, and **9.9595, 11.4048, 11.3493** is the 20% darker color. If you saturate the color by 10%, you get **22.5653, 27.1193, 25.3130**, and if you desaturate by 10%, it is **28.7788, 30.1591, 32.9819**.

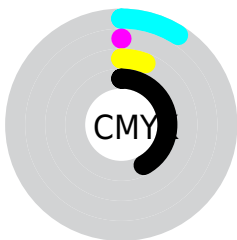
Distribution



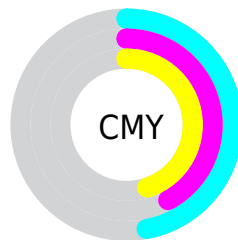
- Red (53%)
- Green (58%)
- Blue (55%)



- Red (53%)
- Yellow (57%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4727, 28.5392, 28.9770 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 25.4727, 28.5392, 28.9770 by changing the saturation by 10% instead.

■ 25.4727, 28.5392,
28.9770

■ 25.4727, 28.5392,
28.9770

272.4883,
295.0345, 311.1640

■ 16.5602, 18.7325,
18.8180

■ 51.8604, 57.3442,
59.0823

■ 10.0148, 11.4772,
11.3634

■ 70.0664, 77.1112,
79.8657

■ 5.4711, 6.3887,
6.1946

■ 92.1008, 100.9672,
105.0276

■ 2.5638, 3.0829,
2.8930

118.3292,
129.2965, 134.9865

■ 0.9275, 1.1752,
1.0403

149.1167,
162.4834, 170.1611

■ 0.0000, 0.0413,
0.0000

184.8289,

■ 0.0000, 0.0000,

200.9125, 210.9699

0.0000

225.8309,
244.9681, 257.8313

■ 25.4727, 28.5392,
28.9770

■ 25.4727, 28.5392,
28.9770

■ 22.5653, 27.1193,
25.3130

■ 28.7788, 30.1591,
32.9819

■ 20.0387, 25.8880,
21.9792

■ 32.4957, 31.9828,
37.3343

■ 17.8774, 24.8382,
18.9669

■ 36.6380, 34.0183,
42.0432

■ 16.0636, 23.9610,
16.2665

■ 41.2190, 36.2723,
47.1164

■ 14.5781, 23.2468,
13.8677

■ 46.2511, 38.7512,
52.5616

■ 13.3997, 22.6847,
11.7600

■ 51.7464, 41.4609,
58.3863

■ 12.5048, 22.2629,
9.9319

■ 57.7166, 44.4073,
64.5977

■ 11.8657, 21.9673,
8.3711

■ 64.1728, 47.5961,
71.2029

■ 11.4201, 21.7661,
7.0631

■ 65.7452, 48.2588,
77.9570

Harmonies

Analogous

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



26.0532, 28.5392, 26.9919



25.4727, 28.5392, 28.9770



25.3305, 28.5392, 31.6356

Triad

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



25.4727, 28.5392, 28.9770



27.3209, 28.5392, 36.6357



28.6461, 28.5392, 28.0644

Complementary

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



25.4727, 28.5392, 28.9770



26.0934, 25.7318, 29.9783

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.



29.0037, 28.5392, 30.5197



25.4727, 28.5392, 28.9770



28.2271, 28.5392, 35.5490

Square

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



25.4727, 28.5392, 28.9770



26.3831, 28.5392, 36.1628



28.8486, 28.5392, 33.2705



27.8820, 28.5392, 26.4871

Rectangle

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



25.4727, 28.5392, 28.9770



25.5003, 28.5392, 33.4557



28.8486, 28.5392, 33.2705



28.8187, 28.5392, 28.8087

Sweetspot

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



25.4735, 28.5404, 28.9776



49.2840, 52.9046, 56.3649



26.6407, 29.1838, 27.1509



10.8208, 11.6748, 12.3691



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.



25.4735, 28.5404, 28.9776



44.6144, 50.6190, 50.6496



25.9986, 28.7505, 31.7430



5.8101, 6.5006, 6.6107



9.6035, 18.3142, 5.9537



0.1307, 0.2294, 0.1420

Inverse Universe

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



26.0934, 25.7318, 29.9783



45.9241, 44.6849, 52.7635



25.5818, 25.5271, 27.2839



5.9483, 5.8744, 6.8338



12.2151, 6.0911, 9.8794



0.1636, 0.0802, 0.1952

Previews

White Background



This preview shows how the XYZ color 25.4727, 28.5392, 28.9770 looks on a white background.

Color Contrast Check

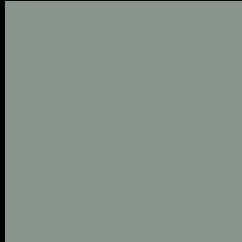
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4727, 28.5392, 28.9770 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

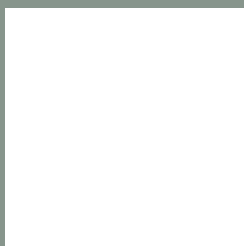
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4727, 28.5392, 28.9770

Background



This preview shows how black text looks on a background with the XYZ color 25.4727, 28.5392, 28.9770.



This preview shows how white text looks on a background with the XYZ color 25.4727, 28.5392,

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

25.4727, 28.5392, 28.9770

Protanopia

27.2905, 28.5698, 28.1209

Deuteranopia

29.1053, 28.5798, 29.5736



Tritanopia

26.9317, 28.4297, 36.4158

Trichromacy



Original Color

25.4727, 28.5392, 28.9770

Protanomaly

26.6161, 28.4416, 28.5131

Deuteranomaly

27.7299, 28.5450, 29.2475

Tritanomaly

26.3362, 28.4202, 33.3757

Monochromacy



Original Color

25.4727, 28.5392, 28.9770

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2213, 28.2037, 30.0484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4727, 28.5392, 28.9770 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(135, 149, 140) looks like.

```
.text, #text, p{  
    color:rgb(135, 149, 140)  
}
```

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(135, 149, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 149, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.4727, 28.5392, 28.9770 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(135, 149, 140) }
```


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

```
.border{ border-color:rgb(135, 149, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 149, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 149, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 149, 140);  
box-shadow:4px 4px 4px 4px rgb(135, 149,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4727, 28.5392, 28.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 149, 140) }
```

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

```
.background{ background-color: rgb(135,  
149, 140) }
```

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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