

Converting Colors

XYZ(23.4692, 25.8911, 26.9705)

Have a look what the booklet for
XYZ(23.4692, 25.8911, 26.9705)
contains.

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Color

**XYZ(23.4770, 25.9489,
27.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	838E88
RGB	131, 142, 136
RGB Percent	51%, 56%, 53%
CMY	0.4863, 0.4431, 0.4667
CMYK	0.08, 0.00, 0.04, 0.44
HSL	147°, 5%, 54%
HSV	147°, 8%, 56%
XYZ	23.4770, 25.9489, 27.0638
YIQ	138.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

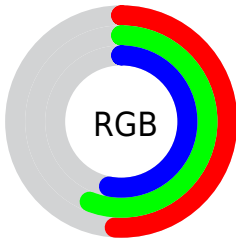
Format	Color
R_{YB}	131, 139, 142
Decimal	8621704
CIE Lab	57.99, -5.20, 1.82
CIE LCh	58, 5.507, 160.737
Yxy	25.9489, 0.3069, 0.3392
Android (android.graphics.Color)	4286811784 (0xFF838E88)
YUV	138.0270, -0.9993, -6.1627
Hunter-Lab	50.9401, -6.8789, 4.1580

Details

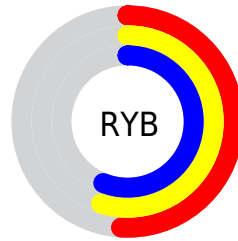
The XYZ color **23.4770, 25.9489, 27.0638** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7879, 23.7902, 27.0064**, and the grayscale version is **24.1733, 25.4322, 27.6957**.

A 20% lighter version of the original color is **48.6924, 53.3443, 55.8742**, and **8.9865, 10.1200, 10.2838** is the 20% darker color. If you saturate the color by 10%, you get **20.8959, 24.6804, 24.1723**, and if you desaturate by 10%, it is **26.4009, 27.3910, 30.1802**.

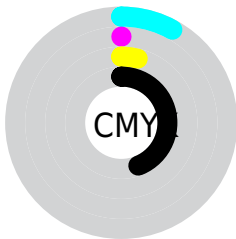
Distribution



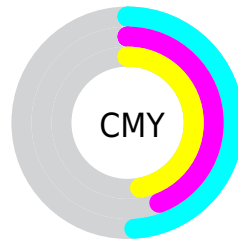
- Red (51%)
- Green (56%)
- Blue (53%)



- Red (51%)
- Yellow (55%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4770, 25.9489, 27.0638 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 23.4770, 25.9489, 27.0638 by changing the saturation by 10% instead.

■ 23.4770, 25.9489,
27.0638

■ 23.4770, 25.9489,
27.0638

262.6554,
282.5311, 301.7358

■ 15.0687, 16.7854,
17.3883

■ 48.6363, 53.1925,
55.9912

■ 8.9543, 10.0816,
10.3468

■ 66.1180, 72.0414,
76.0802

■ 4.7682, 5.4531,
5.5209

■ 87.3550, 94.8876,
100.4774

■ 2.1453, 2.5155,
2.4920

112.7125,
122.1154, 129.6014

■ 0.7137, 0.8844,
0.8359

142.5560,
154.1093, 163.8707

■ 0.0000, 0.0000,
0.0000

177.2507,

191.2536, 203.7038

217.1621,
233.9327, 249.5194

■ 23.4770, 25.9489,
27.0638

■ 23.4770, 25.9489,
27.0638

■ 20.8959, 24.6804,
24.1723

■ 26.4009, 27.3910,
30.1802

■ 18.6423, 23.5754,
21.4990

■ 29.6776, 29.0096,
33.5246

■ 16.7031, 22.6282,
19.0394

■ 33.3195, 30.8117,
37.1022

■ 15.0634, 21.8310,
16.7880

■ 37.3379, 32.8029,
40.9175

■ 13.7070, 21.1757,
14.7393

■ 41.7433, 34.9887,
44.9750

■ 12.6162, 20.6532,
12.8874

■ 46.5459, 37.3743,
49.2788

■ 11.7711, 20.2535,
11.2262

■ 51.7557, 39.9646,
53.8332

■ 11.1487, 19.9647,
9.7490

■ 57.3819, 42.7645,
58.6421

■ 10.7051, 19.7643,
8.4480

■ 62.0206, 45.0499,
63.6434

Harmonies

Analogous

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



23.8392, 25.9489, 25.5709



23.4770, 25.9489, 27.0638



23.4295, 25.9489, 28.9412

Triad

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



23.4770, 25.9489, 27.0638



24.9025, 25.9489, 32.0039



25.6445, 25.9489, 25.9325

Complementary

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



23.4770, 25.9489, 27.0638



23.7879, 23.7902, 27.0064

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.



25.9404, 25.9489, 27.5777



23.4770, 25.9489, 27.0638



25.5069, 25.9489, 31.1184

Square

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



23.4770, 25.9489, 27.0638



24.2445, 25.9489, 31.8511



25.8896, 25.9489, 29.4785



25.0876, 25.9489, 24.9383

Rectangle

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



23.4770, 25.9489, 27.0638



23.5816, 25.9489, 30.1658



25.8896, 25.9489, 29.4785



25.7783, 25.9489, 26.4246

Sweetspot

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



23.4777, 25.9500, 27.0644



44.2650, 47.1704, 50.8096



24.0954, 26.3085, 25.2811



9.9024, 10.5434, 11.3652



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.4777, 25.9500, 27.0644



40.7071, 45.4177, 46.9652



23.8753, 26.1090, 29.1577



5.4384, 6.0676, 6.2745



9.5386, 17.7113, 7.3902



0.1021, 0.1737, 0.1280

Inverse Universe

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



23.7879, 23.7902, 27.0064



41.3496, 40.9445, 46.8451



23.4065, 23.6376, 24.9979



5.5242, 5.4702, 6.2584



11.2428, 5.6541, 6.9299



0.1186, 0.0585, 0.1249

Previews

White Background



This preview shows how the XYZ color 23.4770, 25.9489, 27.0638 looks on a white background.

Color Contrast Check

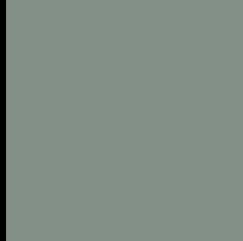
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4770, 25.9489, 27.0638 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

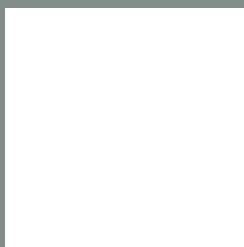
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4770, 25.9489, 27.0638

Background



This preview shows how black text looks on a background with the XYZ color 23.4770, 25.9489, 27.0638.



This preview shows how white text looks on a background with the XYZ color 23.4770, 25.9489,

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

23.4770, 25.9489, 27.0638

Protanopia

24.8634, 26.0261, 26.2674

Deuteranopia

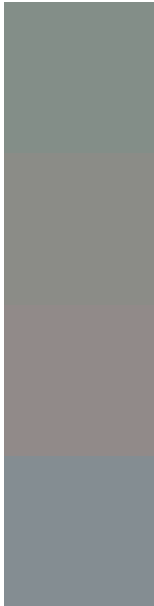
26.3162, 25.9064, 27.2803



Tritanopia

24.6369, 25.9771, 32.9937

Trichromacy



Original Color

23.4770, 25.9489, 27.0638

Protanomaly

24.3987, 25.9944, 26.6531

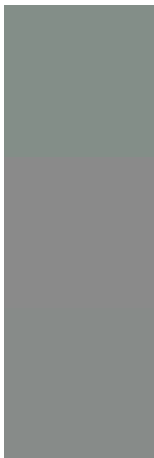
Deuteranomaly

25.2809, 26.0028, 27.3535

Tritanomaly

24.2289, 26.0306, 30.9415

Monochromacy



Original Color

23.4770, 25.9489, 27.0638

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7396, 25.4223, 27.3227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4770, 25.9489, 27.0638 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(131, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 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(131, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.4770, 25.9489, 27.0638 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(131, 142, 136) }
```


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

```
.border{ border-color:rgb(131, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4770, 25.9489, 27.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 136) }
```

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

```
.background{ background-color: rgb(131,  
142, 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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