

Converting Colors

XYZ(24.3945, 28.4367, 24.0709)

Have a look what the booklet for
XYZ(24.3945, 28.4367, 24.0709)
contains.

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Color

**XYZ(24.3451, 28.3056,
23.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	85967E
RGB	133, 150, 126
RGB Percent	52%, 59%, 49%
CMY	0.4784, 0.4118, 0.5059
CMYK	0.11, 0.00, 0.16, 0.41
HSL	103°, 10%, 54%
HSV	103°, 16%, 59%
XYZ	24.3451, 28.3056, 23.9191
YIQ	142.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

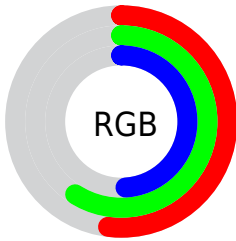
Format	Color
R_{YB}	126, 150, 143
Decimal	8754814
CIE _{Lab}	60.16, -10.76, 10.64
CIE _{LCh}	60, 15.129, 135.309
Yxy	28.3056, 0.3179, 0.3697
Android (android.graphics.Color)	4286944894 (0xFF85967E)
YUV	142.1810, -7.9772, -8.0517
Hunter-Lab	53.2030, -11.4257, 10.5864

Details

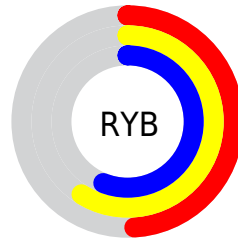
The XYZ color **24.3451, 28.3056, 23.9191** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2948, 22.9642, 32.0077**, and the grayscale version is **25.8147, 27.1591, 29.5763**.

A 20% lighter version of the original color is **49.9792, 56.8795, 50.9925**, and **9.3687, 11.2985, 8.7082** is the 20% darker color. If you saturate the color by 10%, you get **21.8554, 27.1265, 19.1233**, and if you desaturate by 10%, it is **27.1513, 29.6327, 29.4886**.

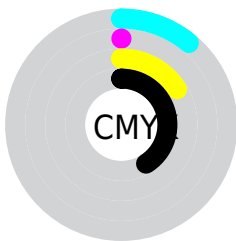
Distribution



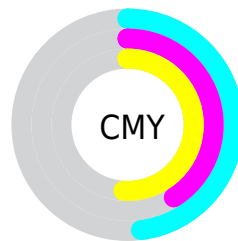
- Red (52%)
- Green (59%)
- Blue (49%)



- Red (49%)
- Yellow (59%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (48%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3451, 28.3056, 23.9191 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 24.3451, 28.3056, 23.9191 by changing the saturation by 10% instead.

■ 24.3451, 28.3056,
23.9191

■ 24.3451, 28.3056,
23.9191

266.9688,
293.9243, 285.6846

■ 15.7159, 18.5562,
15.0620

■ 50.0434, 56.9720,
50.8403

■ 9.4129, 11.3500,
8.7158

■ 67.8432, 76.6577,
69.7415

■ 5.0707, 6.3028,
4.4620

■ 89.4305, 100.4243,
92.8278

■ 2.3240, 3.0300,
1.8821

115.1709,
128.6562, 120.5177

■ 0.8069, 1.1474,
0.4813

145.4295,
161.7377, 153.2298

■ 0.0000, 0.0181,
0.0000

180.5718,

■ 0.0000, 0.0000,

200.0533, 191.3826

0.0000

220.9631,
243.9874, 235.3947

■ 24.3451, 28.3056,
23.9191

■ 24.3451, 28.3056,
23.9191

■ 21.8554, 27.1265,
19.1233

■ 27.1513, 29.6327,
29.4886

■ 19.6684, 26.0866,
15.0651

■ 30.2824, 31.1091,
35.8620

■ 17.7727, 25.1817,
11.7085

■ 33.7497, 32.7406,
43.0700

■ 16.1552, 24.4058,
9.0136

■ 37.5629, 34.5316,
51.1414

■ 14.8018, 23.7527,
6.9365

■ 41.7315, 36.4866,
60.1034

■ 13.6969, 23.2154,
5.4281

■ 46.2645, 38.6094,
69.9821

■ 12.8233, 22.7861,
4.4317

■ 51.1706, 40.9043,
80.8025

■ 12.1583, 22.4552,
3.8657

■ 56.4584, 43.3748,
92.5886

■ 11.9346, 22.3436,
3.6837

■ 61.1538, 45.6320,
100.1924

Harmonies

Analogous

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



25.9335, 28.3056, 21.6452



24.3451, 28.3056, 23.9191



23.4638, 28.3056, 28.1967

Triad

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



24.3451, 28.3056, 23.9191



25.9713, 28.3056, 42.3149



30.6529, 28.3056, 28.0922

Complementary

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



24.3451, 28.3056, 23.9191



24.2948, 22.9642, 32.0077

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.



30.6642, 28.3056, 33.6011



24.3451, 28.3056, 23.9191



27.8977, 28.3056, 42.2782

Square

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



24.3451, 28.3056, 23.9191



24.3717, 28.3056, 39.0300



29.6354, 28.3056, 38.9349



29.6051, 28.3056, 23.8505

Rectangle

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



24.3451, 28.3056, 23.9191



23.3675, 28.3056, 31.8162



29.6354, 28.3056, 38.9349



30.7796, 28.3056, 29.8448

Sweetspot

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



24.3459, 28.3068, 23.9197



48.3884, 52.5166, 52.9943



26.1372, 27.5766, 23.6843



10.6496, 11.6035, 11.5954



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.



24.3459, 28.3068, 23.9197



41.4192, 49.2218, 39.2062



23.5946, 27.8829, 25.5407



5.8791, 6.5455, 6.1940



9.9266, 18.5452, 3.0564



0.1479, 0.2406, 0.0386

Inverse Universe

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



24.2948, 22.9642, 32.0077



41.3117, 38.0675, 56.0916



25.1659, 23.4570, 30.0715



5.8723, 5.8251, 7.2846



9.5538, 4.3977, 24.2763



0.1463, 0.0690, 0.2985

Previews

White Background



This preview shows how the XYZ color 24.3451, 28.3056, 23.9191 looks on a white background.

Color Contrast Check

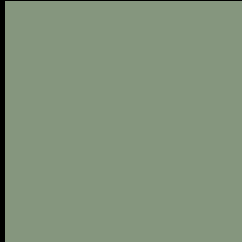
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3451, 28.3056, 23.9191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

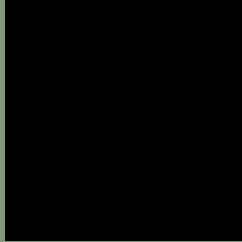
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3451, 28.3056, 23.9191

Background



This preview shows how black text looks on a background with the XYZ color 24.3451, 28.3056, 23.9191.



This preview shows how white text looks on a background with the XYZ color 24.3451, 28.3056,

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

24.3451, 28.3056, 23.9191

Protanopia

26.4973, 28.0520, 22.7569

Deuteranopia

28.6460, 28.0231, 24.3213



Tritanopia

26.8459, 28.3954, 35.9642

Trichromacy



Original Color

24.3451, 28.3056, 23.9191

Protanomaly

25.5940, 28.0327, 23.1307

Deuteranomaly

26.7901, 27.9495, 24.0615

Tritanomaly

25.7754, 28.1770, 31.2743

Monochromacy



Original Color

24.3451, 28.3056, 23.9191

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2168, 27.5173, 27.2749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3451, 28.3056, 23.9191 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, 150, 126)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 126)  
}
```

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, 150, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.3451, 28.3056, 23.9191 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, 150, 126) }
```


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

```
.border{ border-color:rgb(133, 150, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 126);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3451, 28.3056, 23.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 126) }
```

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

```
.background{ background-color: rgb(133,  
150, 126) }
```

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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