

Converting Colors

XYZ(24.4343, 28.2152, 23.9235)

Have a look what the booklet for
XYZ(24.4343, 28.2152, 23.9235)
contains.

XYZ(24.3449, 28.0696, 23.8735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3449, 28.0696,
23.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	86957E
RGB	134, 149, 126
RGB Percent	53%, 58%, 49%
CMY	0.4745, 0.4157, 0.5059
CMYK	0.10, 0.00, 0.15, 0.42
HSL	99°, 10%, 54%
HSV	99°, 15%, 58%
XYZ	24.3449, 28.0696, 23.8735
YIQ	141.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

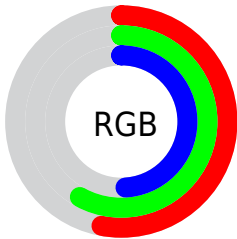
Format	Color
R _Y B	126, 149, 141
Decimal	8820094
CIE Lab	59.95, -9.84, 10.35
CIE LCh	60, 14.282, 133.555
Yxy	28.0696, 0.3191, 0.3679
Android (android.graphics.Color)	4287010174 (0xFF86957E)
YUV	141.8930, -7.8352, -6.9222
Hunter-Lab	52.9808, -10.6947, 10.3700

Details

The XYZ color **24.3449, 28.0696, 23.8735** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8712, 22.7551, 31.5693**, and the grayscale version is **25.6999, 27.0383, 29.4448**.

A 20% lighter version of the original color is **49.9861, 56.5313, 50.9249**, and **9.3634, 11.1560, 8.6810** is the 20% darker color. If you saturate the color by 10%, you get **21.9759, 26.9521, 19.1121**, and if you desaturate by 10%, it is **27.0010, 29.3202, 29.3972**.

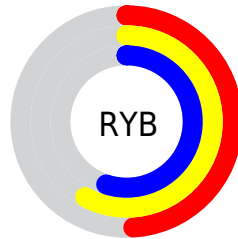
Distribution



Red (53%)

Green (58%)

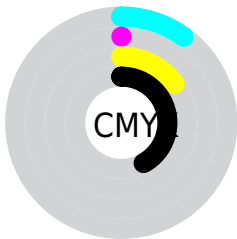
Blue (49%)



Red (49%)

Yellow (58%)

Blue (55%)

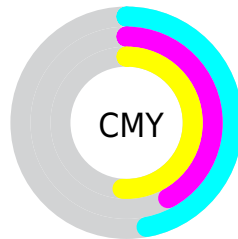


Cyan (10%)

Magenta (0%)

Yellow (15%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3449, 28.0696, 23.8735 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 24.3449, 28.0696, 23.8735 by changing the saturation by 10% instead.

■ 24.3449, 28.0696,
23.8735

■ 24.3449, 28.0696,
23.8735

266.9678,
292.7993, 285.4462

■ 15.7158, 18.3781,
15.0285

■ 50.0430, 56.5955,
50.7649

■ 9.4128, 11.2218,
8.6925

■ 67.8428, 76.1988,
69.6484

■ 5.0707, 6.2162,
4.4471

■ 89.4301, 99.8748,
92.7152

■ 2.3240, 2.9770,
1.8737

115.1703,
128.0079, 120.3837

■ 0.8069, 1.1197,
0.4759

145.4289,
160.9825, 153.0725

■ 0.0000, 0.0000,
0.0000

180.5711,

199.1830, 191.2002

220.9622,
242.9938, 235.1852

■ 24.3449, 28.0696,
23.8735

■ 24.3449, 28.0696,
23.8735

■ 21.9759, 26.9521,
19.1121

■ 27.0010, 29.3202,
29.3972

■ 19.8817, 25.9596,
15.0776

■ 29.9516, 30.7046,
35.7125

■ 18.0522, 25.0886,
11.7348

■ 33.2065, 32.2279,
42.8499

■ 16.4758, 24.3339,
9.0448

■ 36.7744, 33.8942,
50.8372

■ 15.1403, 23.6900,
6.9647

■ 40.6638, 35.7070,
59.7012

■ 14.0317, 23.1510,
5.4465

■ 44.8825, 37.6701,
69.4675

■ 13.1349, 22.7101,
4.4351

■ 49.4385, 39.7868,
80.1606

■ 12.4304, 22.3590,
3.8558

■ 54.3390, 42.0605,
91.8041

■ 12.1550, 22.2213,
3.6485

■ 58.7586, 44.1612,
100.0348

Harmonies

Analogous

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



25.8693, 28.0696, 21.8357



24.3449, 28.0696, 23.8735



23.4685, 28.0696, 27.8185

Triad

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



24.3449, 28.0696, 23.8735



25.7030, 28.0696, 41.1924



30.2198, 28.0696, 28.2786

Complementary

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



24.3449, 28.0696, 23.8735



23.8712, 22.7551, 31.5693

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.



30.1703, 28.0696, 33.4823



24.3449, 28.0696, 23.8735



27.5061, 28.0696, 41.3519

Square

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



24.3449, 28.0696, 23.8735



24.2279, 28.0696, 37.9845



29.1584, 28.0696, 38.3982



29.2907, 28.0696, 24.1773

Rectangle

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



24.3449, 28.0696, 23.8735



23.3438, 28.0696, 31.1873



29.1584, 28.0696, 38.3982



30.3183, 28.0696, 29.9471

Sweetspot

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



24.3457, 28.0708, 23.8741



48.5217, 52.5854, 53.0005



25.6789, 26.9321, 23.5840



10.6826, 11.6205, 11.5969



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.



24.3457, 28.0708, 23.8741



41.8622, 49.4502, 39.2269



23.3449, 27.5287, 25.0098



5.9085, 6.5607, 6.1954



10.2592, 18.7167, 3.0720



0.1551, 0.2443, 0.0390

Inverse Universe

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



23.8712, 22.7551, 31.5693



40.8230, 37.8156, 56.0688



25.0097, 23.3733, 30.2056



5.8415, 5.8093, 7.2832



8.7637, 3.9904, 24.2394



0.1392, 0.0653, 0.2982

Previews

White Background



This preview shows how the XYZ color 24.3449, 28.0696, 23.8735 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 24.3449, 28.0696, 23.8735 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 24.3449, 28.0696, 23.8735

Background



This preview shows how black text looks on a background with the XYZ color 24.3449, 28.0696, 23.8735.



This preview shows how white text looks on a background with the XYZ color 24.3449, 28.0696,

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

24.3449, 28.0696, 23.8735

Protanopia

26.4973, 28.0520, 22.7569

Deuteranopia

28.4387, 27.9163, 24.3116



Tritanopia

26.7736, 28.1401, 35.4729

Trichromacy



Original Color

24.3449, 28.0696, 23.8735

Protanomaly

25.5940, 28.0327, 23.1307

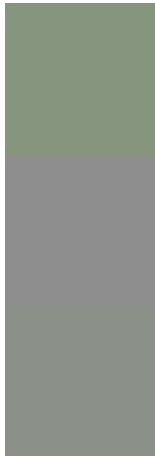
Deuteranomaly

26.7901, 27.9495, 24.0615

Tritanomaly

25.7062, 27.9205, 30.8224

Monochromacy



Original Color

24.3449, 28.0696, 23.8735

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 24.3449, 28.0696, 23.8735 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(134, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 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(134, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.3449, 28.0696, 23.8735 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(134, 149, 126) }
```


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

```
.border{ border-color:rgb(134, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3449, 28.0696, 23.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 126) }
```

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

```
.background{ background-color: rgb(134,  
149, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor