

Converting Colors

XYZ(28.4779, 31.3216, 24.3769)

Have a look what the booklet for
XYZ(28.4779, 31.3216, 24.3769)
contains.

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Color

**XYZ(28.4584, 31.3899,
24.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	999A7E
RGB	153, 154, 126
RGB Percent	60%, 60%, 49%
CMY	0.4000, 0.3961, 0.5059
CMYK	0.01, 0.00, 0.18, 0.40
HSL	62°, 12%, 55%
HSV	62°, 18%, 60%
XYZ	28.4584, 31.3899, 24.2976
YIQ	150.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

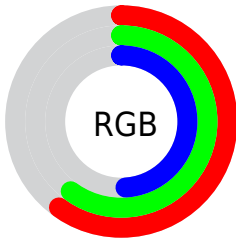
Format	Color
RYB	126, 154, 127
Decimal	10066558
CIELab	62.84, -5.31, 14.61
CIELCh	63, 15.547, 109.968
Yxy	31.3899, 0.3382, 0.3730
Android (android.graphics.Color)	4288256638 (0xFF999A7E)
YUV	150.5090, -12.0829, 2.1846
Hunter-Lab	56.0267, -7.3788, 13.5059

Details

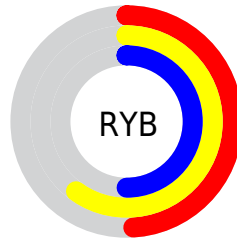
The XYZ color **28.4584, 31.3899, 24.2976** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.0472, 21.7677, 33.6132**, and the grayscale version is **29.2539, 30.7774, 33.5165**.

A 20% lighter version of the original color is **56.7050, 61.7763, 51.5832**, and **11.6693, 13.0611, 8.9272** is the 20% darker color. If you saturate the color by 10%, you get **27.4366, 30.9702, 19.4558**, and if you desaturate by 10%, it is **29.6353, 31.8738, 29.9466**.

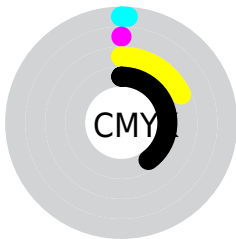
Distribution



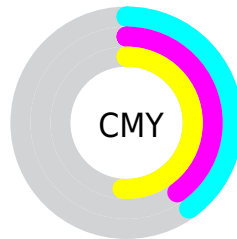
- Red (60%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4584, 31.3899, 24.2976 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 28.4584, 31.3899, 24.2976 by changing the saturation by 10% instead.

■ 28.4584, 31.3899,
24.2976

■ 28.4584, 31.3899,
24.2976

286.6914,
308.3306, 287.6565

■ 18.8137, 20.8959,
15.3403

■ 56.6190, 61.8534,
51.4653

■ 11.6390, 13.0479,
8.9093

■ 75.8656, 82.5917,
70.5128

■ 6.5688, 7.4616,
4.5861

■ 99.0436, 107.5136,
93.7607

■ 3.2378, 3.7524,
1.9520

126.5183,
137.0035, 121.6277

■ 1.2807, 1.5360,
0.5256

158.6551,
171.4457, 154.5322

■ 0.1687, 0.3139,
0.0000

195.8193,

■ 0.0000, 0.0000,

211.2247, 192.8928

0.0000

238.3763,
256.7249, 237.1281

■ 28.4584, 31.3899,
24.2976

■ 28.4584, 31.3899,
24.2976

■ 27.4366, 30.9702,
19.4558

■ 29.6353, 31.8738,
29.9466

■ 26.5606, 30.6079,
15.3823

■ 30.9715, 32.4204,
36.4352

■ 25.8235, 30.3011,
12.0384

■ 32.4738, 33.0335,
43.7963

■ 25.2172, 30.0468,
9.3809

■ 34.1481, 33.7154,
52.0608

■ 24.7328, 29.8412,
7.3620

■ 36.0000, 34.4685,
61.2577

■ 24.3599, 29.6803,
5.9282

■ 38.0348, 35.2947,
71.4149

■ 24.0866, 29.5594,
5.0168

■ 40.2574, 36.1962,
82.5592

■ 23.8906, 29.4693,
4.5093

■ 42.6729, 37.1748,
94.7162

■ 23.8570, 29.4538,
4.4278

■ 43.7004, 37.5983,
99.5617

Harmonies

Analogous

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



30.5542, 31.3899, 23.8812



28.4584, 31.3899, 24.2976



26.8081, 31.3899, 27.1758

Triad

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



28.4584, 31.3899, 24.2976



27.2778, 31.3899, 43.9680



34.0522, 31.3899, 36.2623

Complementary

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



28.4584, 31.3899, 24.2976



22.0472, 21.7677, 33.6132

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.



33.0819, 31.3899, 42.2908



28.4584, 31.3899, 24.2976



29.1275, 31.3899, 47.0770

Square

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



28.4584, 31.3899, 24.2976



26.1493, 31.3899, 38.3419



31.2556, 31.3899, 46.4291



33.8521, 31.3899, 30.3275

Rectangle

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



28.4584, 31.3899, 24.2976



26.1507, 31.3899, 30.3161



31.2556, 31.3899, 46.4291



33.8504, 31.3899, 38.3552

Sweetspot

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



28.4592, 31.3913, 24.2983



54.5486, 58.1915, 57.8654



24.6741, 23.5387, 22.9821



12.3118, 13.1570, 12.9280



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.4592, 31.3913, 24.2983



50.8713, 56.6826, 40.2166



25.9813, 30.1139, 24.1823



6.6870, 7.2116, 6.6454



19.4425, 23.9988, 3.6075



0.2965, 0.3618, 0.0542

Inverse Universe

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



22.0472, 21.7677, 33.6132



36.9172, 35.7388, 60.4888



24.2677, 22.9124, 33.7171



5.9039, 6.0364, 7.7829



4.8150, 1.9333, 25.0271



0.0768, 0.0314, 0.3744

Previews

White Background



This preview shows how the XYZ color 28.4584, 31.3899, 24.2976 looks on a white background.

Color Contrast Check

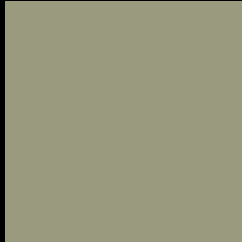
Large Text (above 18pt) WCAG AA × Fail

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 28.4584, 31.3899, 24.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

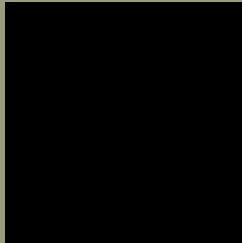
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4584, 31.3899, 24.2976

Background



This preview shows how black text looks on a background with the XYZ color 28.4584, 31.3899, 24.2976.



This preview shows how white text looks on a background with the XYZ color 28.4584, 31.3899,

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

28.4584, 31.3899, 24.2976

Protanopia

29.6278, 31.5142, 23.9233

Deuteranopia

31.8544, 31.2302, 24.7712



Tritanopia

31.2810, 31.3372, 38.1182

Trichromacy



Original Color

28.4584, 31.3899, 24.2976

Protanomaly

29.1935, 31.5322, 23.9497

Deuteranomaly

30.5146, 31.2427, 24.5008

Tritanomaly

30.1222, 31.3393, 32.4784

Monochromacy



Original Color

28.4584, 31.3899, 24.2976

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0596, 31.0849, 30.0596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4584, 31.3899, 24.2976 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(153, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 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(153, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.4584, 31.3899, 24.2976 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(153, 154, 126) }
```


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

```
.border{ border-color:rgb(153, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4584, 31.3899, 24.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 126) }
```

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

```
.background{ background-color: rgb(153,  
154, 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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