

Converting Colors

XYZ(27.4404, 30.4089, 33.8393)

Have a look what the booklet for
XYZ(27.4404, 30.4089, 33.8393)
contains.

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Color

**XYZ(27.4584, 30.4201,
33.7026)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9997
RGB	138, 153, 151
RGB Percent	54%, 60%, 59%
CMY	0.4588, 0.4000, 0.4078
CMYK	0.10, 0.00, 0.01, 0.40
HSL	172°, 7%, 57%
HSV	172°, 10%, 60%
XYZ	27.4584, 30.4201, 33.7026
YIQ	148.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

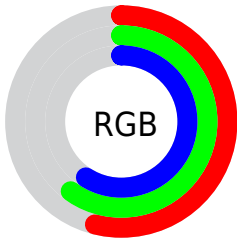
Format	Color
RYB	138, 146, 153
Decimal	9083287
CIELab	62.02, -5.74, -0.78
CIELCh	62, 5.791, 187.750
Yxy	30.4201, 0.2998, 0.3322
Android (android.graphics.Color)	4287273367 (0xFF8A9997)
YUV	148.2870, 1.3375, -9.0217
Hunter-Lab	55.1544, -7.6547, 2.3784

Details

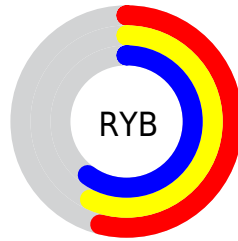
The XYZ color **27.4584, 30.4201, 33.7026** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9601, 26.8436, 28.5728**, and the grayscale version is **28.2659, 29.7379, 32.3846**.

A 20% lighter version of the original color is **54.8181, 60.1098, 66.4707**, and **11.0761, 12.4975, 13.8851** is the 20% darker color. If you saturate the color by 10%, you get **24.9390, 29.1411, 32.7270**, and if you desaturate by 10%, it is **30.3390, 31.8866, 34.7114**.

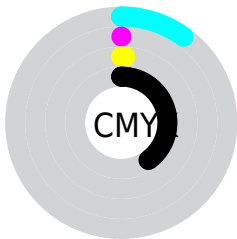
Distribution



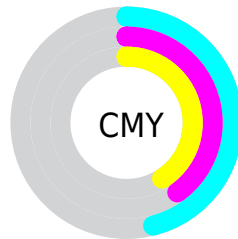
- Red (54%)
- Green (60%)
- Blue (59%)



- Red (54%)
- Yellow (57%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4584, 30.4201, 33.7026 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 27.4584, 30.4201, 33.7026 by changing the saturation by 10% instead.

■ 27.4584, 30.4201,
33.7026

■ 27.4584, 30.4201,
33.7026

281.9971,
303.8578, 333.5325

■ 18.0562, 20.1577,
22.3897

■ 55.0333, 60.3259,
66.5995

■ 11.0902, 12.5097,
13.9425

■ 73.9367, 80.7381,
89.0206

■ 6.1953, 7.0918,
7.9424

■ 96.7378, 105.3023,
115.9816

■ 3.0060, 3.5196,
3.9709

123.8020,
134.4029, 147.9009

■ 1.1569, 1.4086,
1.6094

155.4947,
168.4244, 185.1971

■ 0.0720, 0.2231,
0.2975

192.1812,

■ 0.0000, 0.0000,

207.7511, 228.2887

0.0000

234.2269,
252.7674, 277.5943

■ 27.4584, 30.4201,
33.7026

■ 27.4584, 30.4201,
33.7026

■ 24.9390, 29.1411,
32.7270

■ 30.3390, 31.8866,
34.7114

■ 22.7634, 28.0383,
31.7817

■ 33.5923, 33.5441,
35.7521

■ 20.9166, 27.1045,
30.8667

■ 37.2323, 35.4006,
36.8260

■ 19.3815, 26.3312,
29.9810

■ 41.2716, 37.4626,
37.9339

■ 18.1393, 25.7085,
29.1238

■ 45.7222, 39.7362,
39.0763

■ 17.1693, 25.2258,
28.2939

■ 50.5955, 42.2275,
40.2538

■ 16.4481, 24.8710,
27.4902

■ 55.9027, 44.9422,
41.4671

■ 15.9482, 24.6301,
26.7113

■ 59.6382, 46.8461,
42.6223

■ 15.6031, 24.4685,
25.9541

■ 59.8290, 46.9225,
43.6273

Harmonies

Analogous

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



27.5528, 30.4201, 31.5288



27.4584, 30.4201, 33.7026



27.7483, 30.4201, 35.8110

Triad

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



27.4584, 30.4201, 33.7026



29.8376, 30.4201, 36.6213



29.4827, 30.4201, 29.3185

Complementary

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



27.4584, 30.4201, 33.7026



26.9601, 26.8436, 28.5728

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.



30.1106, 30.4201, 30.5717



27.4584, 30.4201, 33.7026



30.3181, 30.4201, 34.7687

Square

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



27.4584, 30.4201, 33.7026



29.1153, 30.4201, 37.5446



30.4189, 30.4201, 32.5487



28.7124, 30.4201, 29.0617

Rectangle

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



27.4584, 30.4201, 33.7026



28.1236, 30.4201, 36.8737



30.4189, 30.4201, 32.5487



29.7178, 30.4201, 29.6344

Sweetspot

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



27.4593, 30.4214, 33.7033



52.5807, 56.2115, 61.5673



26.8370, 30.2159, 28.4631



11.5214, 12.3667, 13.5639



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.4593, 30.4214, 33.7033



48.0181, 53.8910, 59.9254



26.7827, 28.8057, 34.2869



6.3491, 7.0124, 7.7618



12.8985, 20.2228, 21.4838



0.2014, 0.3058, 0.3665

Inverse Universe

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



26.9601, 26.8436, 28.5728



46.9206, 46.0239, 48.6447



27.5854, 28.3284, 28.0593



6.2407, 6.2354, 6.6477



10.9726, 5.6433, 1.1145



0.1716, 0.0874, 0.0567

Previews

White Background



This preview shows how the XYZ color 27.4584, 30.4201, 33.7026 looks on a white background.

Color Contrast Check

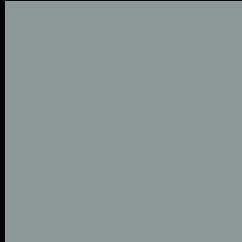
Large Text (above 18pt) WCAG AA × Fail

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 27.4584, 30.4201, 33.7026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

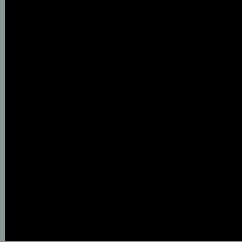
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

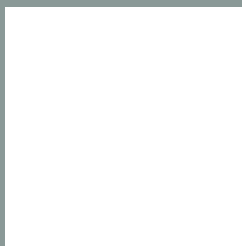
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4584, 30.4201, 33.7026

Background



This preview shows how black text looks on a background with the XYZ color 27.4584, 30.4201, 33.7026.

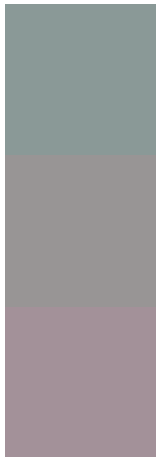


This preview shows how white text looks on a background with the XYZ color 27.4584, 30.4201,

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

27.4584, 30.4201, 33.7026

Protanopia

29.1212, 30.3402, 32.7552

Deuteranopia

30.9794, 30.3372, 34.3599



Tritanopia

28.4927, 30.3530, 39.0073

Trichromacy



Original Color

27.4584, 30.4201, 33.7026

Protanomaly

28.4440, 30.2177, 33.1876

Deuteranomaly

29.5838, 30.3168, 33.9983

Tritanomaly

28.1337, 30.4486, 37.1953

Monochromacy



Original Color

27.4584, 30.4201, 33.7026

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8328, 29.9119, 32.7404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4584, 30.4201, 33.7026 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(138, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(138, 153, 151)  
}
```

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(138, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 153, 151) }
```

Border

The CSS property to change the border of an element to XYZ 27.4584, 30.4201, 33.7026 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(138, 153, 151) }
```


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

```
.border{ border-color:rgb(138, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(138, 153,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4584, 30.4201, 33.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 153, 151) }
```

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

```
.background{ background-color: rgb(138,  
153, 151) }
```

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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