

Converting Colors

XYZ(27.3605, 30.4875, 28.3737)

Have a look what the booklet for
XYZ(27.3605, 30.4875, 28.3737)
contains.

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Color

**XYZ(27.3064, 30.4571,
28.4844)**

Conversions

Conversions Part 1

Format	Color
Hex	8F998A
RGB	143, 153, 138
RGB Percent	56%, 60%, 54%
CMY	0.4392, 0.4000, 0.4588
CMYK	0.07, 0.00, 0.10, 0.40
HSL	100°, 7%, 57%
HSV	100°, 10%, 60%
XYZ	27.3064, 30.4571, 28.4844
YIQ	148.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

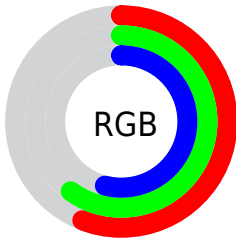
Format	Color
RYB	138, 153, 148
Decimal	9410954
CIELab	62.05, -6.49, 6.65
CIELCh	62, 9.289, 134.278
Yxy	30.4571, 0.3166, 0.3531
Android (android.graphics.Color)	4287601034 (0xFF8F998A)
YUV	148.3000, -5.0779, -4.6481
Hunter-Lab	55.1880, -8.2591, 8.0300

Details

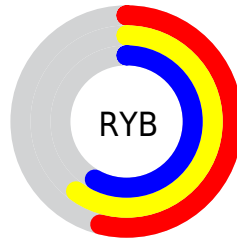
The XYZ color **27.3064, 30.4571, 28.4844** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0522, 26.7736, 33.8806**, and the grayscale version is **28.2952, 29.7687, 32.4182**.

A 20% lighter version of the original color is **54.7428, 60.2576, 58.0358**, and **11.0270, 12.5345, 11.0707** is the 20% darker color. If you saturate the color by 10%, you get **24.5895, 29.1765, 22.9765**, and if you desaturate by 10%, it is **30.3417, 31.8856, 34.8231**.

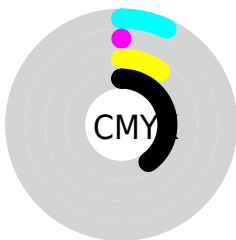
Distribution



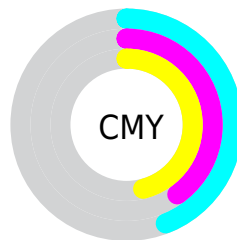
- Red (56%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3064, 30.4571, 28.4844 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 27.3064, 30.4571, 28.4844 by changing the saturation by 10% instead.

■ 27.3064, 30.4571,
28.4844

■ 27.3064, 30.4571,
28.4844

281.2782,
304.0293, 308.7588

■ 17.9412, 20.1858,
18.4489

■ 54.7916, 60.3843,
58.2893

■ 11.0072, 12.5302,
11.1000

■ 73.6423, 80.8090,
78.8957

■ 6.1390, 7.1058,
6.0191

■ 96.3856, 105.3870,
103.8629

■ 2.9713, 3.5284,
2.7877

123.3869,
134.5026, 133.6094

■ 1.1386, 1.4134,
0.9873

155.0114,
168.5402, 168.5537

■ 0.0570, 0.2266,
0.0000

191.6245,

■ 0.0000, 0.0000,

207.8843, 209.1143

0.0000

233.5917,
252.9192, 255.7098

■ 27.3064, 30.4571,
28.4844

■ 27.3064, 30.4571,
28.4844

■ 24.5895, 29.1765,
22.9765

■ 30.3417, 31.8856,
34.8231

■ 22.1778, 28.0350,
18.2631

■ 33.7030, 33.4625,
42.0231

■ 20.0607, 27.0290,
14.3080

■ 37.4010, 35.1936,
50.1156

■ 18.2260, 26.1529,
11.0716

■ 41.4450, 37.0831,
59.1297

■ 16.6607, 25.4010,
8.5105

■ 45.8440, 39.1348,
69.0933

■ 15.3506, 24.7671,
6.5769

■ 50.6064, 41.3528,
80.0329

■ 14.2799, 24.2441,
5.2163

■ 55.7407, 43.7406,
91.9743

■ 13.4310, 23.8244,
4.3653

■ 60.3723, 45.9489,
100.2948

■ 12.7682, 23.4930,
3.8702

■ 63.6412, 47.6341,
100.4478

Harmonies

Analogous

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



28.3611, 30.4571, 26.9421



27.3064, 30.4571, 28.4844



26.7010, 30.4571, 31.3362

Triad

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



27.3064, 30.4571, 28.4844



28.3036, 30.4571, 40.2227



31.3354, 30.4571, 31.4974

Complementary

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



27.3064, 30.4571, 28.4844



27.0522, 26.7736, 33.8806

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.



31.3189, 30.4571, 35.0587



27.3064, 30.4571, 28.4844



29.5440, 30.4571, 40.2737

Square

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



27.3064, 30.4571, 28.4844



27.2653, 30.4571, 38.1923



30.6553, 30.4571, 38.3269



30.6997, 30.4571, 28.5951

Rectangle

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



27.3064, 30.4571, 28.4844



26.6224, 30.4571, 33.6776



30.6553, 30.4571, 38.3269



31.4065, 30.4571, 32.6529

Sweetspot

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



27.3072, 30.4584, 28.4851



52.5040, 56.2398, 58.5010



28.3155, 29.7884, 28.3026



11.4999, 12.3743, 12.7217



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.



27.3072, 30.4584, 28.4851



47.6666, 53.9628, 48.4775



26.6440, 30.0953, 29.4100



6.3165, 7.0206, 6.6280



10.5750, 19.4275, 3.1925



0.1939, 0.3089, 0.0494

Inverse Universe

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



27.0522, 26.7736, 33.8806



47.1056, 45.8606, 60.3412



27.7719, 27.1683, 32.8474



6.2611, 6.2205, 7.7996



9.3181, 4.2547, 25.2378



0.1775, 0.0833, 0.3791

Previews

White Background



This preview shows how the XYZ color 27.3064, 30.4571, 28.4844 looks on a white background.

Color Contrast Check

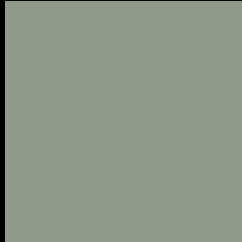
Large Text (above 18pt) WCAG AA × Fail

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 27.3064, 30.4571, 28.4844 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

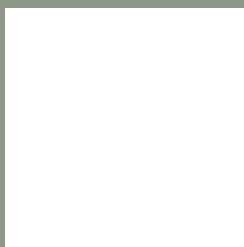
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3064, 30.4571, 28.4844

Background



This preview shows how black text looks on a background with the XYZ color 27.3064, 30.4571, 28.4844.



This preview shows how white text looks on a background with the XYZ color 27.3064, 30.4571,

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

27.3064, 30.4571, 28.4844

Protanopia

28.9017, 30.3404, 27.6255

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

29.3720, 30.5889, 38.0744

Trichromacy



Original Color

27.3064, 30.4571, 28.4844

Protanomaly

28.1842, 30.1981, 28.0103

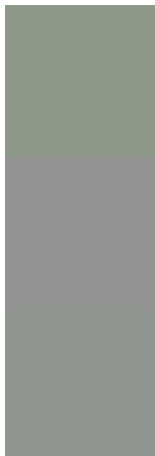
Deuteranomaly

29.5482, 30.4148, 28.7394

Tritanomaly

28.6704, 30.5441, 34.5215

Monochromacy



Original Color

27.3064, 30.4571, 28.4844

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7944, 29.9373, 30.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3064, 30.4571, 28.4844 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(143, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 138)  
}
```

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(143, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.3064, 30.4571, 28.4844 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(143, 153, 138) }
```


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

```
.border{ border-color:rgb(143, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 138);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3064, 30.4571, 28.4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 138) }
```

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

```
.background{ background-color: rgb(143,  
153, 138) }
```

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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