

Converting Colors

XYZ(30.3384, 33.4094, 29.8695)

Have a look what the booklet for
XYZ(30.3384, 33.4094, 29.8695)
contains.

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Color

**XYZ(30.3427, 33.4917,
30.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	999F8D
RGB	153, 159, 141
RGB Percent	60%, 62%, 55%
CMY	0.4000, 0.3765, 0.4471
CMYK	0.04, 0.00, 0.11, 0.38
HSL	80°, 9%, 59%
HSV	80°, 11%, 62%
XYZ	30.3427, 33.4917, 30.0646
YIQ	155.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

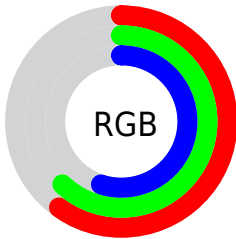
Format	Color
RYB	141, 159, 147
Decimal	10067853
CIELab	64.56, -5.50, 8.66
CIELCh	65, 10.258, 122.454
Yxy	33.4917, 0.3231, 0.3567
Android (android.graphics.Color)	4288257933 (0xFF999F8D)
YUV	155.1540, -6.9779, -1.8891
Hunter-Lab	57.8720, -7.6872, 9.7092

Details

The XYZ color **30.3427, 33.4917, 30.0646** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8169, 27.7569, 36.6943**, and the grayscale version is **31.2539, 32.8815, 35.8080**.

A 20% lighter version of the original color is **59.6290, 65.2987, 61.0909**, and **12.7304, 14.3052, 11.9878** is the 20% darker color. If you saturate the color by 10%, you get **28.2651, 32.5487, 24.2286**, and if you desaturate by 10%, it is **32.6365, 34.5285, 36.7988**.

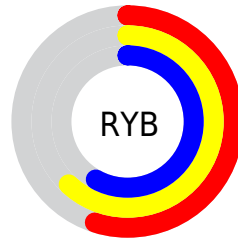
Distribution



Red (60%)

Green (62%)

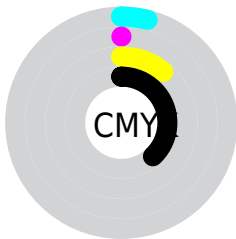
Blue (55%)



Red (55%)

Yellow (62%)

Blue (58%)

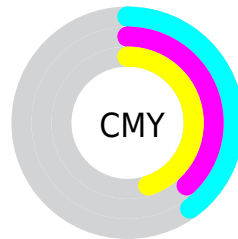


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3427, 33.4917, 30.0646 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 30.3427, 33.4917, 30.0646 by changing the saturation by 10% instead.

■ 30.3427, 33.4917,
30.0646

■ 30.3427, 33.4917,
30.0646

295.3798,
317.8596, 316.4221

■ 20.2482, 22.5034,
19.6352

■ 59.5866, 65.1424,
60.8265

■ 12.6849, 14.2272,
11.9487

■ 79.4668, 86.5736,
81.9961

■ 7.2874, 8.2789,
6.5866

■ 103.3396,
112.2546, 107.5828

■ 3.6904, 4.2739,
3.1305

131.5703,
142.5697, 138.0052

■ 1.5285, 1.8279,
1.1616

164.5243,
177.9034, 173.6818

■ 0.3451, 0.5045,
0.0000

202.5670,

■ 0.0000, 0.0000,

218.6400, 215.0311

0.0000

246.0637,
265.1639, 262.4717

■ 30.3427, 33.4917,
30.0646

■ 30.3427, 33.4917,
30.0646

■ 28.2651, 32.5487,
24.2286

■ 32.6365, 34.5285,
36.7988

■ 26.3933, 31.6920,
19.2507

■ 35.1510, 35.6577,
44.4648

■ 24.7197, 30.9196,
15.0909

■ 37.8943, 36.8837,
53.0970

■ 23.2356, 30.2278,
11.7053

■ 40.8729, 38.2092,
62.7274

■ 21.9310, 29.6128,
9.0457

■ 44.0930, 39.6366,
73.3868

■ 20.7953, 29.0702,
7.0586

■ 47.5609, 41.1686,
85.1043

■ 19.8163, 28.5949,
5.6831

■ 51.2824, 42.8076,
97.9081

■ 18.9797, 28.1812,
4.8475

■ 53.0633, 43.6758,
100.2413

■ 18.3403, 27.8606,
4.4110

■ 54.4617, 44.3968,
100.3067

Harmonies

Analogous

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



31.7122, 33.4917, 28.9750



30.3427, 33.4917, 30.0646



29.3962, 33.4917, 32.8562

Triad

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



30.3427, 33.4917, 30.0646



30.5458, 33.4917, 44.1105



34.7357, 33.4917, 36.1219

Complementary

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



30.3427, 33.4917, 30.0646



27.8169, 27.7569, 36.6943

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.



34.4005, 33.4917, 40.3326



30.3427, 33.4917, 30.0646



31.9538, 33.4917, 45.1500

Square

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



30.3427, 33.4917, 30.0646



29.5110, 33.4917, 40.9770



33.3710, 33.4917, 43.7188



34.2734, 33.4917, 32.3003

Rectangle

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



30.3427, 33.4917, 30.0646



29.1170, 33.4917, 35.4159



33.3710, 33.4917, 43.7188



34.7125, 33.4917, 37.5382

Sweetspot

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



30.3436, 33.4932, 30.0653



57.7053, 61.5004, 63.6898



29.5408, 30.1626, 29.4648



12.9353, 13.8317, 14.1382



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.3436, 33.4932, 30.0653



53.2046, 59.4653, 50.6003



28.7085, 32.6502, 29.9888



6.9551, 7.6095, 7.0879



14.5304, 22.0274, 3.4859



0.3027, 0.4160, 0.0643

Inverse Universe

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



27.8169, 27.7569, 36.6943



47.6162, 46.7776, 65.2628



29.4944, 28.6217, 36.7728



6.4828, 6.5374, 8.3268



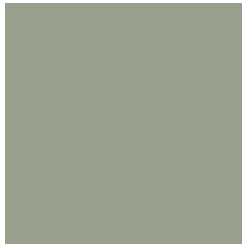
6.1439, 2.5963, 26.0846



0.1522, 0.0683, 0.4684

Previews

White Background



This preview shows how the XYZ color 30.3427, 33.4917, 30.0646 looks on a white background.

Color Contrast Check

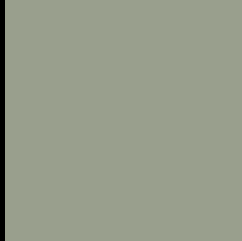
Large Text (above 18pt) WCAG AA × Fail

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 30.3427, 33.4917, 30.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

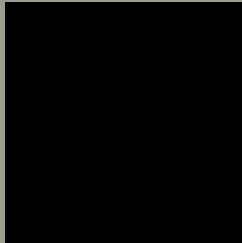
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

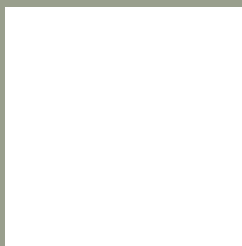
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3427, 33.4917, 30.0646

Background



This preview shows how black text looks on a background with the XYZ color 30.3427, 33.4917, 30.0646.



This preview shows how white text looks on a background with the XYZ color 30.3427, 33.4917,

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

30.3427, 33.4917, 30.0646

Protanopia

31.6529, 33.4275, 29.2100

Deuteranopia

34.1560, 33.4635, 30.6455



Tritanopia

32.6010, 33.4008, 41.2880

Trichromacy



Original Color

30.3427, 33.4917, 30.0646

Protanomaly

31.0887, 33.3783, 29.6151

Deuteranomaly

32.5865, 33.3890, 30.3184

Tritanomaly

31.7703, 33.3135, 37.1034

Monochromacy



Original Color

30.3427, 33.4917, 30.0646

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7199, 32.8490, 33.5755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3427, 33.4917, 30.0646 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, 159, 141)` looks like.

```
.text, #text, p{  
    color:rgb(153, 159, 141)  
}
```

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, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 159, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.3427, 33.4917, 30.0646 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, 159, 141) }
```


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

```
.border{ border-color:rgb(153, 159, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 159, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 159, 141);  
box-shadow:4px 4px 4px 4px rgb(153, 159,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3427, 33.4917, 30.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 159, 141) }
```

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

```
.background{ background-color: rgb(153,  
159, 141) }
```

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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