

Converting Colors

XYZ(30.1184, 34.8176, 34.9033)

Have a look what the booklet for
XYZ(30.1184, 34.8176, 34.9033)
contains.

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Color

**XYZ(30.1071, 34.8400,
34.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA598
RGB	141, 165, 152
RGB Percent	55%, 65%, 60%
CMY	0.4471, 0.3529, 0.4039
CMYK	0.15, 0.00, 0.08, 0.35
HSL	147°, 12%, 60%
HSV	147°, 15%, 65%
XYZ	30.1071, 34.8400, 34.8437
YIQ	156.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

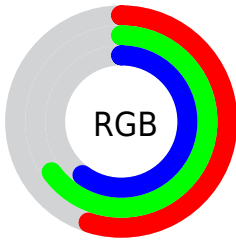
Format	Color
RYB	141, 157, 165
Decimal	9282968
CIELab	65.62, -10.99, 3.93
CIElCh	66, 11.672, 160.317
Yxy	34.8400, 0.3017, 0.3491
Android (android.graphics.Color)	4287473048 (0xFF8DA598)
YUV	156.3420, -2.1406, -13.4549
Hunter-Lab	59.0254, -12.2470, 6.3179

Details

The XYZ color **30.1071, 34.8400, 34.8437** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8759, 29.3830, 34.6176**, and the grayscale version is **31.7660, 33.4203, 36.3947**.

A 20% lighter version of the original color is **59.2395, 67.2447, 68.2498**, and **12.5685, 14.9740, 14.5398** is the 20% darker color. If you saturate the color by 10%, you get **26.8032, 33.2192, 31.0108**, and if you desaturate by 10%, it is **33.8862, 36.7013, 38.9884**.

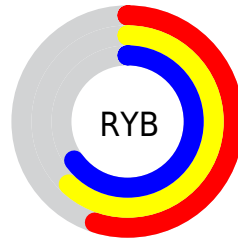
Distribution



Red (55%)

Green (65%)

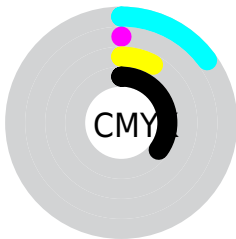
Blue (60%)



Red (55%)

Yellow (62%)

Blue (65%)

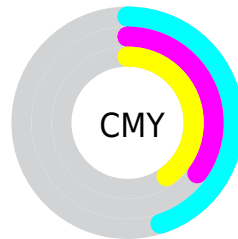


Cyan (15%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1071, 34.8400, 34.8437 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 30.1071, 34.8400, 34.8437 by changing the saturation by 10% instead.

■ 30.1071, 34.8400,
34.8437

■ 30.1071, 34.8400,
34.8437

294.3042,
323.8615, 338.7612

■ 20.0684, 23.5397,
23.2599

■ 59.2170, 67.2378,
68.3924

■ 12.5533, 14.9925,
14.5784

■ 79.0188, 89.1041,
91.1944

■ 7.1965, 8.8141,
8.3807

■ 102.8058,
115.2611, 118.5728

■ 3.6327, 4.6201,
4.2483

130.9432,
146.0933, 150.9463

■ 1.4965, 2.0262,
1.7625

163.7963,
181.9851, 188.7333

■ 0.3235, 0.6226,
0.4031

201.7307,

■ 0.0000, 0.0000,

223.3207, 232.3525

0.0000

245.1115,
270.4848, 282.2222

■ 30.1071, 34.8400,
34.8437

■ 30.1071, 34.8400,
34.8437

■ 26.8032, 33.2192,
31.0108

■ 33.8862, 36.7013,
38.9884

■ 23.9519, 31.8245,
27.4801

■ 38.1559, 38.8082,
43.4494

■ 21.5332, 30.6467,
24.2448

■ 42.9348, 41.1708,
48.2344

■ 19.5242, 29.6742,
21.2972

■ 48.2393, 43.7977,
53.3499

■ 17.9000, 28.8943,
18.6290

■ 54.0853, 46.6968,
58.8021

■ 16.6327, 28.2927,
16.2316

■ 60.4880, 49.8758,
64.5972

■ 15.6905, 27.8532,
14.0958

■ 66.9064, 53.0559,
70.7153

■ 15.0347, 27.5562,
12.2118

■ 68.0838, 53.5268,
76.9155

■ 14.7471, 27.4282,
11.2852

■ 69.3249, 54.0233,
83.4511

Harmonies

Analogous

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



31.0274, 34.8400, 31.1835



30.1071, 34.8400, 34.8437



29.9766, 34.8400, 39.6505

Triad

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



30.1071, 34.8400, 34.8437



33.7082, 34.8400, 47.9994



35.6914, 34.8400, 32.1496

Complementary

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



30.1071, 34.8400, 34.8437



30.8759, 29.3830, 34.6176

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.



36.4638, 34.8400, 36.2694



30.1071, 34.8400, 34.8437



35.2929, 34.8400, 45.5964

Square

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



30.1071, 34.8400, 34.8437



32.0167, 34.8400, 47.5343



36.3155, 34.8400, 41.2036



34.2369, 34.8400, 29.7235

Rectangle

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



30.1071, 34.8400, 34.8437



30.3500, 34.8400, 42.9017



36.3155, 34.8400, 41.2036



36.0417, 34.8400, 33.3669

Sweetspot

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



30.1081, 34.8415, 34.8445



61.0267, 65.8948, 70.1874



31.6286, 35.7247, 30.4282



13.2276, 14.3497, 15.2224



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.1081, 34.8415, 34.8445



52.1992, 61.5505, 60.4478



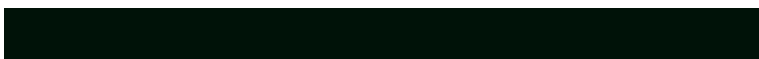
31.1236, 35.2477, 40.1921



7.1142, 7.9465, 8.2133



11.1805, 20.7585, 8.6669



0.2587, 0.4457, 0.3073

Inverse Universe

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



30.8759, 29.3830, 34.6176



53.8046, 50.1367, 59.9729



29.9405, 29.0088, 29.6916



7.2267, 7.1471, 8.1802



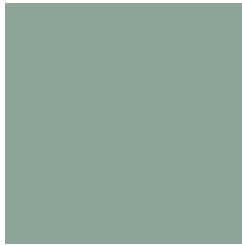
13.1406, 6.6123, 7.9309



0.2996, 0.1483, 0.2905

Previews

White Background



This preview shows how the XYZ color 30.1071, 34.8400, 34.8437 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 30.1071, 34.8400, 34.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

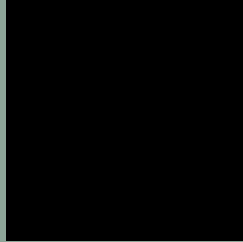
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1071, 34.8400, 34.8437

Background



This preview shows how black text looks on a background with the XYZ color 30.1071, 34.8400, 34.8437.

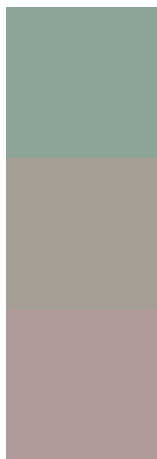


This preview shows how white text looks on a background with the XYZ color 30.1071, 34.8400,

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

30.1071, 34.8400, 34.8437

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

35.2928, 34.6744, 35.4045



Tritanopia

32.3352, 34.9555, 45.6003

Trichromacy



Original Color

30.1071, 34.8400, 34.8437

Protanomaly

31.8800, 34.7276, 33.4566

Deuteranomaly

33.0809, 34.5402, 35.0604

Tritanomaly

31.5738, 34.9137, 41.6341

Monochromacy



Original Color

30.1071, 34.8400, 34.8437

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0770, 33.7421, 35.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1071, 34.8400, 34.8437 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(141, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 152)  
}
```

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(141, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.1071, 34.8400, 34.8437 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(141, 165, 152) }
```


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

```
.border{ border-color:rgb(141, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(141, 165,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1071, 34.8400, 34.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 152) }
```

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

```
.background{ background-color: rgb(141,  
165, 152) }
```

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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