

Converting Colors

XYZ(30.8544, 34.5885, 34.6546)

Have a look what the booklet for
XYZ(30.8544, 34.5885, 34.6546)
contains.

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Color

**XYZ(30.9774, 34.7573,
34.7819)**

Conversions

Conversions Part 1

Format	Color
Hex	94A398
RGB	148, 163, 152
RGB Percent	58%, 64%, 60%
CMY	0.4196, 0.3608, 0.4039
CMYK	0.09, 0.00, 0.07, 0.36
HSL	136°, 8%, 61%
HSV	136°, 9%, 64%
XYZ	30.9774, 34.7573, 34.7819
YIQ	157.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

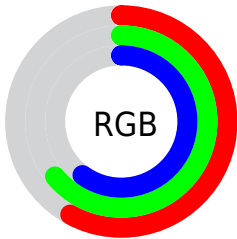
Format	Color
RYB	148, 160, 163
Decimal	9741208
CIELab	65.56, -7.46, 3.90
CIELCh	66, 8.417, 152.390
Yxy	34.7573, 0.3082, 0.3458
Android (android.graphics.Color)	4287931288 (0xFF94A398)
YUV	157.2610, -2.5937, -8.1219
Hunter-Lab	58.9553, -9.3810, 6.2894

Details

The XYZ color **30.9774, 34.7573, 34.7819** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9534, 31.4703, 37.1927**, and the grayscale version is **32.1792, 33.8550, 36.8681**.

A 20% lighter version of the original color is **60.5691, 67.1556, 68.1625**, and **12.9632, 14.8499, 14.4950** is the 20% darker color. If you saturate the color by 10%, you get **27.3039, 32.9720, 29.7543**, and if you desaturate by 10%, it is **35.1668, 36.7991, 40.3502**.

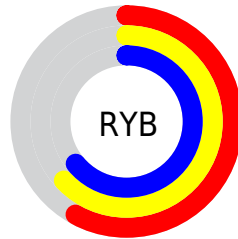
Distribution



Red (58%)

Green (64%)

Blue (60%)



Red (58%)

Yellow (63%)

Blue (64%)

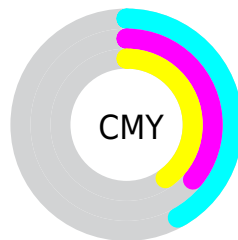


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9774, 34.7573, 34.7819 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 30.9774, 34.7573, 34.7819 by changing the saturation by 10% instead.

■ 30.9774, 34.7573,
34.7819

■ 30.9774, 34.7573,
34.7819

298.2629,
323.4958, 338.4796

■ 20.7334, 23.4760,
23.2127

■ 60.5806, 67.1096,
68.2955

■ 13.0406, 14.9454,
14.5439

■ 80.6704, 88.9494,
91.0770

■ 7.5337, 8.7810,
8.3569

104.7730,
115.0775, 118.4330

■ 3.8473, 4.5986,
4.2331

133.2535,
145.8782, 150.7820

■ 1.6161, 2.0138,
1.7541

166.4774,
181.7360, 188.5427

■ 0.4029, 0.6154,
0.3974

204.8100,

■ 0.0000, 0.0000,

223.0353, 232.1334

0.0000

248.6168,
270.1604, 281.9729

■ 30.9774, 34.7573,
34.7819

■ 30.9774, 34.7573,
34.7819

■ 27.3039, 32.9720,
29.7543

■ 35.1668, 36.7991,
40.3502

■ 24.1232, 31.4287,
25.2491

■ 39.8881, 39.1024,
46.4725

■ 21.4148, 30.1182,
21.2501

■ 45.1606, 41.6778,
53.1642

■ 19.1556, 29.0289,
17.7395

■ 51.0012, 44.5338,
60.4397

■ 17.3203, 28.1482,
14.6985

■ 57.4265, 47.6786,
68.3126

■ 15.8813, 27.4622,
12.1068

■ 64.4523, 51.1200,
76.7963

■ 14.8075, 26.9554,
9.9431

■ 69.4317, 53.4933,
85.7790

■ 14.0627, 26.6097,
8.1838

■ 71.2244, 54.2104,
95.2191

■ 13.5766, 26.3891,
6.8020

■ 72.3879, 54.6758,
101.3460

Harmonies

Analogous

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



31.7809, 34.7573, 32.3915



30.9774, 34.7573, 34.7819



30.7212, 34.7573, 38.1289

Triad

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



30.9774, 34.7573, 34.7819



33.1348, 34.7573, 45.0488



35.0803, 34.7573, 34.3199

Complementary

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



30.9774, 34.7573, 34.7819



31.9534, 31.4703, 37.1927

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.



35.4637, 34.7573, 37.5621



30.9774, 34.7573, 34.7819



34.3233, 34.7573, 43.8782

Square

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



30.9774, 34.7573, 34.7819



31.9482, 34.7573, 44.1917



35.1834, 34.7573, 41.0824



34.1477, 34.7573, 32.1367

Rectangle

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



30.9774, 34.7573, 34.7819



30.8900, 34.7573, 40.4929



35.1834, 34.7573, 41.0824



35.2787, 34.7573, 35.3148

Sweetspot

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



30.9784, 34.7588, 34.7827



59.9776, 64.4388, 68.3041



32.7916, 35.7307, 33.1857



13.3371, 14.4076, 15.1636



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.



30.9784, 34.7588, 34.7827



54.0885, 61.5714, 60.4126



31.5908, 35.0037, 38.0076



7.0595, 7.9246, 7.9252



10.5411, 20.5028, 5.3002



0.2400, 0.4382, 0.2086

Inverse Universe

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



31.9534, 31.4703, 37.1927



56.1855, 54.4983, 65.5958



31.3423, 31.2259, 33.9745



7.2833, 7.1698, 8.4784



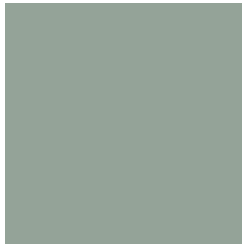
14.3714, 7.1046, 14.4121



0.3199, 0.1564, 0.3972

Previews

White Background



This preview shows how the XYZ color 30.9774, 34.7573, 34.7819 looks on a white background.

Color Contrast Check

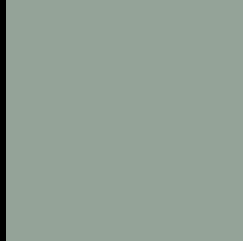
Large Text (above 18pt) WCAG AA × Fail

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 30.9774, 34.7573, 34.7819 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

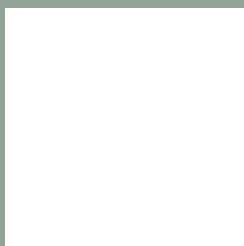
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9774, 34.7573, 34.7819

Background



This preview shows how black text looks on a background with the XYZ color 30.9774, 34.7573, 34.7819.

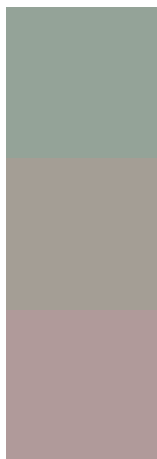


This preview shows how white text looks on a background with the XYZ color 30.9774, 34.7573,

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

30.9774, 34.7573, 34.7819

Protanopia

32.9615, 34.5162, 33.3588

Deuteranopia

35.2928, 34.6744, 35.4045



Tritanopia

32.8761, 34.7381, 44.5075

Trichromacy



Original Color

30.9774, 34.7573, 34.7819

Protanomaly

32.1764, 34.6127, 33.8392

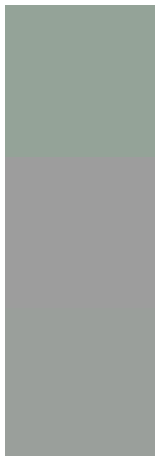
Deuteranomaly

33.5326, 34.5208, 35.0328

Tritanomaly

32.1141, 34.6904, 40.6006

Monochromacy



Original Color

30.9774, 34.7573, 34.7819

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6410, 34.0329, 35.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9774, 34.7573, 34.7819 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(148, 163, 152) looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 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(148, 163, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.9774, 34.7573, 34.7819 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(148, 163, 152) }
```


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

```
.border{ border-color:rgb(148, 163, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9774, 34.7573, 34.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 152) }
```

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

```
.background{ background-color: rgb(148,  
163, 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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