

Converting Colors

XYZ(30.0580, 32.9610, 34.2185)

Have a look what the booklet for
XYZ(30.0580, 32.9610, 34.2185)
contains.

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Color

**XYZ(30.0255, 32.9840,
34.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	949E97
RGB	148, 158, 151
RGB Percent	58%, 62%, 59%
CMY	0.4196, 0.3804, 0.4078
CMYK	0.06, 0.00, 0.04, 0.38
HSL	138°, 5%, 60%
HSV	138°, 6%, 62%
XYZ	30.0255, 32.9840, 34.0622
YIQ	154.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

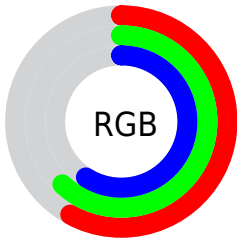
Format	Color
RYB	148, 156, 158
Decimal	9739927
CIELab	64.15, -4.94, 2.42
CIElCh	64, 5.496, 153.912
Yxy	32.9840, 0.3093, 0.3398
Android (android.graphics.Color)	4287930007 (0xFF949E97)
YUV	154.2120, -1.5835, -5.4479
Hunter-Lab	57.4317, -7.1850, 5.0378

Details

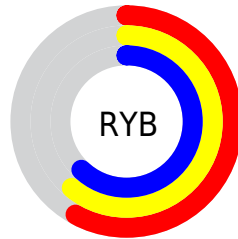
The XYZ color **30.0255, 32.9840, 34.0622** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6080, 30.8163, 35.3468**, and the grayscale version is **30.8169, 32.4218, 35.3073**.

A 20% lighter version of the original color is **59.1708, 64.5528, 67.0989**, and **12.4877, 13.9769, 14.0962** is the 20% darker color. If you saturate the color by 10%, you get **26.5038, 31.2684, 29.4263**, and if you desaturate by 10%, it is **34.0235, 34.9373, 39.1618**.

Distribution



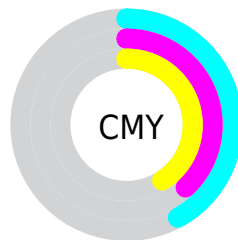
- Red (58%)
- Green (62%)
- Blue (59%)



- Red (58%)
- Yellow (61%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0255, 32.9840, 34.0622 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 30.0255, 32.9840, 34.0622 by changing the saturation by 10% instead.

■ 30.0255, 32.9840,
34.0622

■ 30.0255, 32.9840,
34.0622

293.9310,
315.5776, 335.1869

■ 20.0061, 22.1142,
22.6636

■ 59.0889, 64.3505,
67.1654

■ 12.5078, 13.9408,
14.1424

■ 78.8635, 85.6161,
89.7071

■ 7.1651, 8.0795,
8.0799

102.6207,
111.1156, 116.8003

■ 3.6128, 4.1459,
4.0576

130.7257,
141.2336, 148.8634

■ 1.4855, 1.7555,
1.6570

163.5438,
176.3544, 186.3151

■ 0.3160, 0.4592,
0.3310

201.4405,

■ 0.0000, 0.0000,

216.8624, 229.5739

0.0000

244.7811,
263.1420, 279.0583

■ 30.0255, 32.9840,
34.0622

■ 30.0255, 32.9840,
34.0622

■ 26.5038, 31.2684,
29.4263

■ 34.0235, 34.9373,
39.1618

■ 23.4377, 29.7773,
25.2390

■ 38.5121, 37.1325,
44.7353

■ 20.8088, 28.5023,
21.4876

■ 43.5083, 39.5792,
50.7954

■ 18.5967, 27.4334,
18.1579

■ 49.0277, 42.2851,
57.3534

■ 16.7790, 26.5591,
15.2350

■ 55.0849, 45.2575,
64.4206

■ 15.3314, 25.8674,
12.7032

■ 61.6941, 48.5036,
72.0075

■ 14.2265, 25.3444,
10.5455

■ 67.5308, 51.3403,
80.0621

■ 13.4332, 24.9745,
8.7440

■ 69.1201, 51.9761,
88.4312

■ 12.9076, 24.7354,
7.2784

■ 70.8095, 52.6518,
97.3275

Harmonies

Analogous

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



30.5228, 32.9840, 32.4736



30.0255, 32.9840, 34.0622



29.8810, 32.9840, 36.2071

Triad

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



30.0255, 32.9840, 34.0622



31.4525, 32.9840, 40.3614



32.6086, 32.9840, 33.5757

Complementary

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



30.0255, 32.9840, 34.0622



30.6080, 30.8163, 35.3468

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.



32.8670, 32.9840, 35.6224



30.0255, 32.9840, 34.0622



32.1926, 32.9840, 39.5892

Square

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



30.0255, 32.9840, 34.0622



30.6969, 32.9840, 39.9020



32.7135, 32.9840, 37.8317



32.0129, 32.9840, 32.2010

Rectangle

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



30.0255, 32.9840, 34.0622



30.0022, 32.9840, 37.6792



32.7135, 32.9840, 37.8317



32.7382, 32.9840, 34.2048

Sweetspot

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



30.0264, 32.9854, 34.0629



57.5327, 61.3662, 65.7245



31.1230, 33.5785, 32.8583



12.9900, 13.8444, 14.8422



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.



30.0264, 32.9854, 34.0629



53.2940, 59.2977, 60.2560



30.4273, 33.1458, 36.1740



6.6286, 7.4322, 7.4786



10.2254, 19.7581, 5.5441



0.2002, 0.3602, 0.1908

Inverse Universe

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



30.6080, 30.8163, 35.3468



54.6383, 54.2839, 63.2233



30.2099, 30.6570, 33.2504



6.8193, 6.7207, 7.8997



13.5918, 6.7413, 12.6333



0.2607, 0.1276, 0.3188

Previews

White Background



This preview shows how the XYZ color 30.0255, 32.9840, 34.0622 looks on a white background.

Color Contrast Check

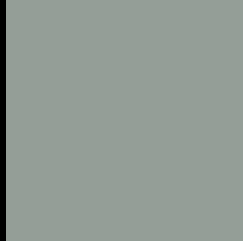
Large Text (above 18pt) WCAG AA × Fail

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 30.0255, 32.9840, 34.0622 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

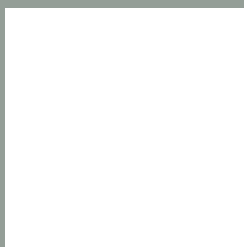
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0255, 32.9840, 34.0622

Background



This preview shows how black text looks on a background with the XYZ color 30.0255, 32.9840, 34.0622.



This preview shows how white text looks on a background with the XYZ color 30.0255, 32.9840,

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

30.0255, 32.9840, 34.0622

Protanopia

31.4442, 32.9835, 33.1429

Deuteranopia

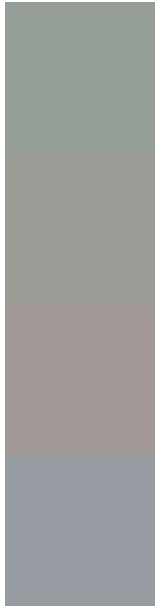
33.4507, 32.7705, 34.6993



Tritanopia

31.5517, 32.8492, 41.7234

Trichromacy



Original Color

30.0255, 32.9840, 34.0622

Protanomaly

30.9111, 32.9475, 33.5845

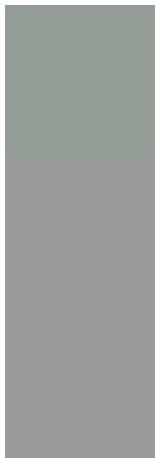
Deuteranomaly

32.1630, 32.8360, 34.3486

Tritanomaly

30.9877, 32.8696, 38.8937

Monochromacy



Original Color

30.0255, 32.9840, 34.0622

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4200, 32.4180, 34.7910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0255, 32.9840, 34.0622 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, 158, 151)` looks like.

```
.text, #text, p{  
    color:rgb(148, 158, 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(148, 158, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 158, 151) }
```

Border

The CSS property to change the border of an element to XYZ 30.0255, 32.9840, 34.0622 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, 158, 151) }
```


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

```
.border{ border-color:rgb(148, 158, 151) }
```

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

Here you see how a box with a 4 pixel rgb(148, 158, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 158, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 158, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 158,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0255, 32.9840, 34.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 158, 151) }
```

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

```
.background{ background-color: rgb(148,  
158, 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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