

Converting Colors

XYZ(31.5107, 33.5841, 35.1371)

Have a look what the booklet for
XYZ(31.5107, 33.5841, 35.1371)
contains.

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Color

**XYZ(31.3243, 33.3824,
34.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9D99
RGB	155, 157, 153
RGB Percent	61%, 62%, 60%
CMY	0.3922, 0.3843, 0.4000
CMYK	0.01, 0.00, 0.03, 0.38
HSL	90°, 2%, 61%
HSV	90°, 3%, 62%
XYZ	31.3243, 33.3824, 34.9295
YIQ	155.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

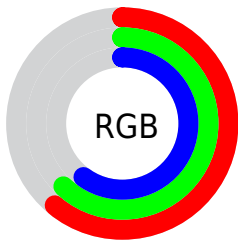
Format	Color
RYB	153, 157, 155
Decimal	10198425
CIELab	64.47, -1.48, 1.83
CIELCh	64, 2.353, 129.004
Yxy	33.3824, 0.3144, 0.3350
Android (android.graphics.Color)	4288388505 (0xFF9B9D99)
YUV	155.9460, -1.4524, -0.8296
Hunter-Lab	57.7775, -4.3362, 4.6004

Details

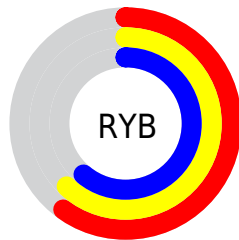
The XYZ color **31.3243, 33.3824, 34.9295** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9959, 32.1863, 36.4789**, and the grayscale version is **31.5829, 33.2276, 36.1849**.

A 20% lighter version of the original color is **61.1005, 65.1473, 68.3858**, and **13.2612, 14.2104, 14.6143** is the 20% darker color. If you saturate the color by 10%, you get **28.6532, 32.1464, 28.4749**, and if you desaturate by 10%, it is **34.2661, 34.7401, 42.2889**.

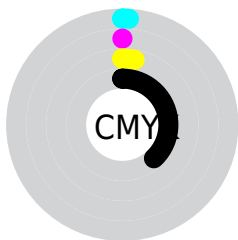
Distribution



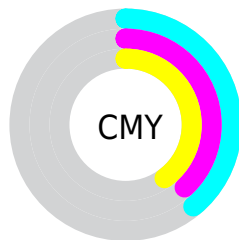
- Red (61%)
- Green (62%)
- Blue (60%)



- Red (60%)
- Yellow (62%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3243, 33.3824, 34.9295 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 31.3243, 33.3824, 34.9295 by changing the saturation by 10% instead.

■ 31.3243, 33.3824,
34.9295

■ 31.3243, 33.3824,
34.9295

299.8299,
317.3693, 339.1518

■ 20.9990, 22.4195,
23.3255

■ 61.1227, 64.9721,
68.5269

■ 13.2357, 14.1655,
14.6264

■ 81.3264, 86.3677,
91.3573

■ 7.6692, 8.2359,
8.4139

105.5536,
112.0097, 118.7669

■ 3.9340, 4.2462,
4.2694

134.1697,
142.2825, 151.1742

■ 1.6649, 1.8122,
1.7743

167.5401,
177.5705, 188.9979

■ 0.4341, 0.4948,
0.4109

206.0299,

■ 0.0000, 0.0000,

218.2580, 232.6563

0.0000

250.0048,
264.7295, 282.5681

■ 31.3243, 33.3824,
34.9295

■ 31.3243, 33.3824,
34.9295

■ 28.6532, 32.1464,
28.4749

■ 34.2661, 34.7401,
42.2889

■ 26.2414, 31.0243,
22.8880

■ 37.4838, 36.2186,
50.5839

■ 24.0811, 30.0136,
18.1324

■ 40.9861, 37.8227,
59.8466

■ 22.1626, 29.1104,
14.1683

■ 44.7802, 39.5555,
70.1069

■ 20.4757, 28.3102,
10.9523

■ 48.8733, 41.4200,
81.3934

■ 19.0095, 27.6085,
8.4374

■ 53.2723, 43.4191,
93.7334

■ 17.7517, 27.0001,
6.5709

■ 56.6846, 45.0362,
100.3130

■ 16.6888, 26.4793,
5.2927

■ 58.9767, 46.2178,
100.4203

■ 15.8047, 26.0395,
4.5313

■ 61.3801, 47.4568,
100.5327

Harmonies

Analogous

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



31.6280, 33.3824, 34.5517



31.3243, 33.3824, 34.9295



31.1299, 33.3824, 35.6892

Triad

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



31.3243, 33.3824, 34.9295



31.4982, 33.3824, 38.1018



32.3710, 33.3824, 36.0591

Complementary

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



31.3243, 33.3824, 34.9295



30.9959, 32.1863, 36.4789

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.



32.3357, 33.3824, 37.0144



31.3243, 33.3824, 34.9295



31.8301, 33.3824, 38.2051

Square

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



31.3243, 33.3824, 34.9295



31.2298, 33.3824, 37.5241



32.1371, 33.3824, 37.8039



32.2334, 33.3824, 35.1962

Rectangle

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



31.3243, 33.3824, 34.9295



31.0877, 33.3824, 36.3156



32.1371, 33.3824, 37.8039



32.3790, 33.3824, 36.3799

Sweetspot

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



31.3252, 33.3838, 34.9302



56.8717, 60.1417, 64.4633



31.3770, 32.9120, 34.8364



12.5212, 13.2370, 14.2018



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



31.3252, 33.3838, 34.9302



55.8427, 59.6663, 61.9271



30.9446, 33.1876, 34.9124



7.1987, 7.7167, 7.9271



12.4163, 20.9376, 3.3869



0.2708, 0.3995, 0.0628

Inverse Universe

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



30.9959, 32.1863, 36.4789



55.1377, 57.1025, 65.2426



31.3829, 32.3858, 36.4970



7.0885, 7.3161, 8.4452



7.5749, 3.3340, 26.1515



0.1842, 0.0848, 0.4699

Previews

White Background



This preview shows how the XYZ color 31.3243, 33.3824, 34.9295 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 31.3243, 33.3824, 34.9295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

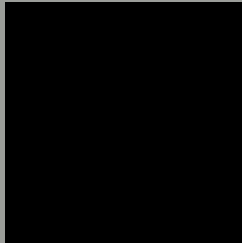
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

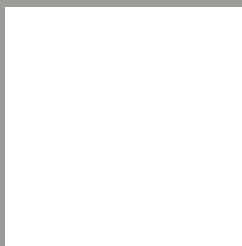
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3243, 33.3824, 34.9295

Background



This preview shows how black text looks on a background with the XYZ color 31.3243, 33.3824, 34.9295.



This preview shows how white text looks on a background with the XYZ color 31.3243, 33.3824,

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

31.3243, 33.3824, 34.9295

Protanopia

32.0532, 33.5175, 34.4859

Deuteranopia

33.9126, 33.2370, 35.1998



Tritanopia

32.6010, 33.4008, 41.2880

Trichromacy



Original Color

31.3243, 33.3824, 34.9295

Protanomaly

31.6565, 33.3130, 34.4673

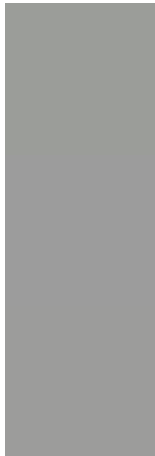
Deuteranomaly

32.9499, 33.2226, 35.2478

Tritanomaly

32.1204, 33.4535, 38.9467

Monochromacy



Original Color

31.3243, 33.3824, 34.9295

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.5152, 33.2114, 35.7598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3243, 33.3824, 34.9295 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(155, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 157, 153)  
}
```

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(155, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 157, 153) }
```

Border

The CSS property to change the border of an element to XYZ 31.3243, 33.3824, 34.9295 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(155, 157, 153) }
```


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

```
.border{ border-color:rgb(155, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 157,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3243, 33.3824, 34.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 157, 153) }
```

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

```
.background{ background-color: rgb(155,  
157, 153) }
```

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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