

Converting Colors

XYZ(30.1903, 33.0286, 34.9210)

Have a look what the booklet for
XYZ(30.1903, 33.0286, 34.9210)
contains.

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Color

**XYZ(30.1894, 33.0495,
34.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	949E99
RGB	148, 158, 153
RGB Percent	58%, 62%, 60%
CMY	0.4196, 0.3804, 0.4000
CMYK	0.06, 0.00, 0.03, 0.38
HSL	150°, 5%, 60%
HSV	150°, 6%, 62%
XYZ	30.1894, 33.0495, 34.9250
YIQ	154.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

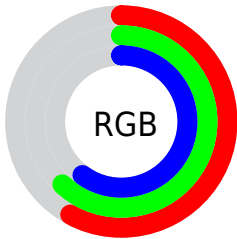
Format	Color
RYB	148, 155, 158
Decimal	9739929
CIELab	64.20, -4.55, 1.37
CIELCh	64, 4.749, 163.212
Yxy	33.0495, 0.3075, 0.3367
Android (android.graphics.Color)	4287930009 (0xFF949E99)
YUV	154.4400, -0.7099, -5.6479
Hunter-Lab	57.4887, -6.8684, 4.2228

Details

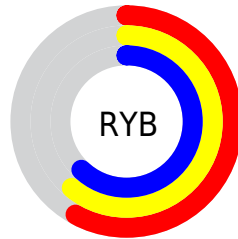
The XYZ color **30.1894, 33.0495, 34.9250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4415, 30.7498, 34.4695**, and the grayscale version is **30.9137, 32.5236, 35.4182**.

A 20% lighter version of the original color is **59.4139, 64.6501, 68.3787**, and **12.5857, 14.0161, 14.6124** is the 20% darker color. If you saturate the color by 10%, you get **26.8931, 31.4241, 31.4760**, and if you desaturate by 10%, it is **33.9209, 34.8962, 38.6214**.

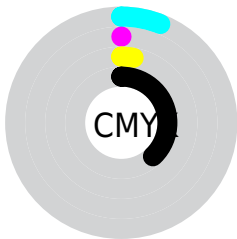
Distribution



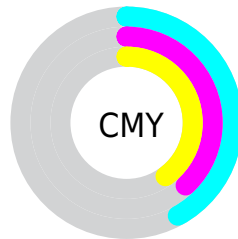
- Red (58%)
- Green (62%)
- Blue (60%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1894, 33.0495, 34.9250 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 30.1894, 33.0495, 34.9250 by changing the saturation by 10% instead.

■ 30.1894, 33.0495,
34.9250

■ 30.1894, 33.0495,
34.9250

294.6803,
315.8727, 339.1314

■ 20.1312, 22.1644,
23.3220

■ 59.3461, 64.4528,
68.5198

■ 12.5993, 13.9777,
14.6239

■ 79.1754, 85.7398,
91.3487

■ 7.2283, 8.1052,
8.4122

102.9923,
111.2628, 118.7567

■ 3.6529, 4.1623,
4.2683

131.1624,
141.4063, 151.1623

■ 1.5077, 1.7648,
1.7736

164.0508,
176.5546, 188.9840

■ 0.3311, 0.4651,
0.4105

202.0231,

■ 0.0000, 0.0000,

217.0922, 232.6404

0.0000

245.4444,
263.4034, 282.5500

■ 30.1894, 33.0495,
34.9250

■ 30.1894, 33.0495,
34.9250

■ 26.8931, 31.4241,
31.4760

■ 33.9209, 34.8962,
38.6214

■ 24.0128, 30.0072,
28.2672

■ 38.1006, 36.9678,
42.5680

■ 21.5317, 28.7914,
25.2939

■ 42.7441, 39.2734,
46.7704

■ 19.4309, 27.7670,
22.5507

■ 47.8655, 41.8202,
51.2331

■ 17.6899, 26.9234,
20.0319

■ 53.4784, 44.6149,
55.9607

■ 16.2862, 26.2493,
17.7315

■ 59.5958, 47.6643,
60.9577

■ 15.1945, 25.7316,
15.6431

■ 64.8918, 50.2847,
66.1656

■ 14.3857, 25.3554,
13.7601

■ 65.8907, 50.6842,
71.4254

■ 13.8184, 25.0997,
12.0750

■ 66.9387, 51.1034,
76.9443

Harmonies

Analogous

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



30.5345, 33.0495, 33.3502



30.1894, 33.0495, 34.9250



30.1690, 33.0495, 36.8393

Triad

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



30.1894, 33.0495, 34.9250



31.7094, 33.0495, 39.7167



32.3656, 33.0495, 33.5060

Complementary

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



30.1894, 33.0495, 34.9250



30.4415, 30.7498, 34.4695

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.



32.6898, 33.0495, 35.1446



30.1894, 33.0495, 34.9250



32.3073, 33.0495, 38.7556

Square

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



30.1894, 33.0495, 34.9250



31.0401, 33.0495, 39.6528



32.6683, 33.0495, 37.0668



31.7880, 33.0495, 32.5512

Rectangle

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



30.1894, 33.0495, 34.9250



30.3419, 33.0495, 38.0545



32.6683, 33.0495, 37.0668



32.5082, 33.0495, 33.9925

Sweetspot

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



30.1903, 33.0509, 34.9257



57.6318, 61.4059, 66.2465



30.7417, 33.3819, 32.8407



13.0111, 13.8528, 14.9532



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.



30.1903, 33.0509, 34.9257



53.6717, 59.4488, 62.2450



30.5980, 33.2140, 37.0724



6.6821, 7.4536, 7.7604



10.9420, 20.0447, 9.3177



0.2170, 0.3669, 0.2790

Inverse Universe

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



30.4415, 30.7498, 34.4695



54.2522, 54.1295, 61.1905



30.0500, 30.5932, 32.4081



6.7645, 6.6987, 7.6108



12.4440, 6.2822, 6.5889



0.2438, 0.1209, 0.2302

Previews

White Background



This preview shows how the XYZ color 30.1894, 33.0495, 34.9250 looks on a white background.

Color Contrast Check

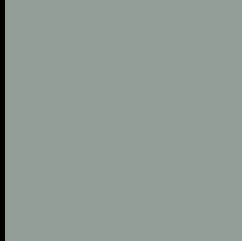
Large Text (above 18pt) WCAG AA × Fail

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 30.1894, 33.0495, 34.9250 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

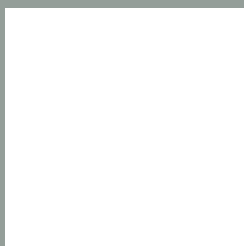
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1894, 33.0495, 34.9250

Background



This preview shows how black text looks on a background with the XYZ color 30.1894, 33.0495, 34.9250.



This preview shows how white text looks on a background with the XYZ color 30.1894, 33.0495,

34.9250.

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

30.1894, 33.0495, 34.9250

Protanopia

31.6053, 33.0480, 33.9913

Deuteranopia

33.6173, 32.8372, 35.5767



Tritanopia

31.5340, 33.0881, 41.7704

Trichromacy



Original Color

30.1894, 33.0495, 34.9250

Protanomaly

31.0735, 33.0125, 34.4401

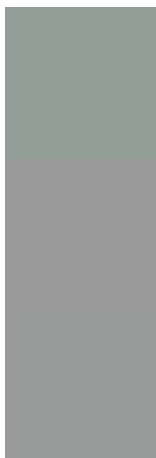
Deuteranomaly

32.3282, 32.9021, 35.2187

Tritanomaly

31.0623, 33.1478, 39.4113

Monochromacy



Original Color

30.1894, 33.0495, 34.9250

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5030, 32.4512, 35.2279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1894, 33.0495, 34.9250 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, 153) looks like.

```
.text, #text, p{  
    color:rgb(148, 158, 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(148, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 158, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.1894, 33.0495, 34.9250 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, 153) }
```


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

```
.border{ border-color:rgb(148, 158, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(148, 158,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1894, 33.0495, 34.9250 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, 153) }
```

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

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