

Converting Colors

XYZ(30.1120, 33.1977, 33.1991)

Have a look what the booklet for
XYZ(30.1120, 33.1977, 33.1991)
contains.

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Color

**XYZ(30.2174, 33.3558,
33.2794)**

Conversions

Conversions Part 1

Format	Color
Hex	959F95
RGB	149, 159, 149
RGB Percent	58%, 62%, 58%
CMY	0.4157, 0.3765, 0.4157
CMYK	0.06, 0.00, 0.06, 0.38
HSL	120°, 5%, 60%
HSV	120°, 6%, 62%
XYZ	30.2174, 33.3558, 33.2794
YIQ	154.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

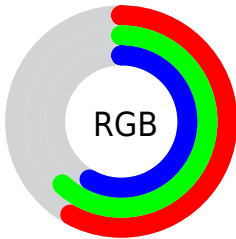
Format	Color
RYB	149, 159, 159
Decimal	9805717
CIELab	64.45, -5.51, 3.98
CIELCh	64, 6.795, 144.121
Yxy	33.3558, 0.3120, 0.3444
Android (android.graphics.Color)	4287995797 (0xFF959F95)
YUV	154.8700, -2.8939, -5.1480
Hunter-Lab	57.7545, -7.6783, 6.2639

Details

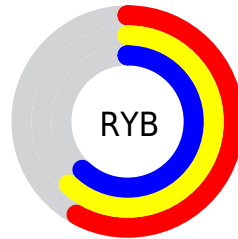
The XYZ color **30.2174, 33.3558, 33.2794** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3048, 31.3699, 37.2077**, and the grayscale version is **31.1123, 32.7326, 35.6458**.

A 20% lighter version of the original color is **59.4547, 65.1014, 65.9322**, and **12.6042, 14.2036, 13.6325** is the 20% darker color. If you saturate the color by 10%, you get **26.3282, 31.4886, 26.9171**, and if you desaturate by 10%, it is **34.6779, 35.4994, 40.5746**.

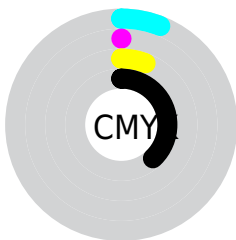
Distribution



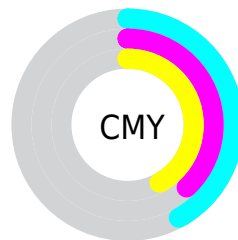
- Red (58%)
- Green (62%)
- Blue (58%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2174, 33.3558, 33.2794 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 30.2174, 33.3558, 33.2794 by changing the saturation by 10% instead.

■ 30.2174, 33.3558,
33.2794

■ 30.2174, 33.3558,
33.2794

294.8082,
317.2499, 331.5774

■ 20.1526, 22.3992,
22.0677

■ 59.3901, 64.9306,
65.9325

■ 12.6149, 14.1505,
13.7079

■ 79.2286, 86.3176,
88.2110

■ 7.2391, 8.2254,
7.7813

103.0558,
111.9501, 115.0156

■ 3.6597, 4.2395,
3.8696

131.2369,
142.2126, 146.7646

■ 1.5115, 1.8084,
1.5541

164.1374,
177.4894, 183.8768

■ 0.3336, 0.4924,
0.2577

202.1225,

■ 0.0000, 0.0000,

218.1650, 226.7707

0.0000

245.5576,
264.6237, 275.8647

■ 30.2174, 33.3558,
33.2794

■ 30.2174, 33.3558,
33.2794

■ 26.3282, 31.4886,
26.9171

■ 34.6779, 35.4994,
40.5746

■ 22.9846, 29.8825,
21.4479

■ 39.7286, 37.9255,
48.8360

■ 20.1630, 28.5271,
16.8327

■ 45.3908, 40.6453,
58.0976

■ 17.8371, 27.4099,
13.0283

■ 51.6841, 43.6683,
68.3914

■ 15.9784, 26.5170,
9.9880

■ 58.6270, 47.0034,
79.7480

■ 14.5552, 25.8334,
7.6600

■ 66.2376, 50.6591,
92.1965

■ 13.5321, 25.3420,
5.9866

■ 71.6888, 53.2776,
101.1129

■ 12.8681, 25.0230,
4.9006

■ 12.5049, 24.8486,
4.3065

Harmonies

Analogous

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



30.9481, 33.3558, 31.6617



30.2174, 33.3558, 33.2794



29.8856, 33.3558, 35.7748

Triad

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



30.2174, 33.3558, 33.2794



31.5132, 33.3558, 41.8914



33.4353, 33.3558, 34.1809

Complementary

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



30.2174, 33.3558, 33.2794



31.3048, 31.3699, 37.2077

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.



33.5940, 33.3558, 36.8683



30.2174, 33.3558, 33.2794



32.4715, 33.3558, 41.4116

Square

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



30.2174, 33.3558, 33.2794



30.6239, 33.3558, 40.8177



33.2379, 33.3558, 39.5378



32.8086, 33.3558, 32.1633

Rectangle

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



30.2174, 33.3558, 33.2794



29.9303, 33.3558, 37.6366



33.2379, 33.3558, 39.5378



33.5457, 33.3558, 35.0321

Sweetspot

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



30.2183, 33.3572, 33.2801



57.3850, 61.3071, 64.9465



32.0939, 34.2816, 33.3597



12.9586, 13.8318, 14.6769



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.



30.2183, 33.3572, 33.2801



52.7428, 59.0772, 57.3533



30.6125, 33.5149, 35.3557



6.5508, 7.4011, 7.0689



9.7925, 19.5849, 3.2642



0.1751, 0.3502, 0.0584

Inverse Universe

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



31.3048, 31.3699, 37.2077



55.2332, 54.5219, 66.3561



30.8933, 31.2053, 35.0408



6.9042, 6.7546, 8.3466



16.2358, 7.7989, 26.5568



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 30.2174, 33.3558, 33.2794 looks on a white background.

Color Contrast Check

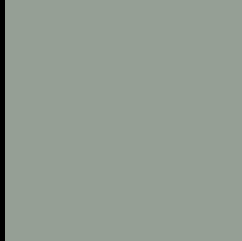
Large Text (above 18pt) WCAG AA × Fail

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 30.2174, 33.3558, 33.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

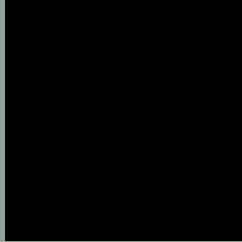
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2174, 33.3558, 33.2794

Background



This preview shows how black text looks on a background with the XYZ color 30.2174, 33.3558, 33.2794.



This preview shows how white text looks on a background with the XYZ color 30.2174, 33.3558,

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

30.2174, 33.3558, 33.2794

Protanopia

31.6857, 33.1263, 32.3278

Deuteranopia

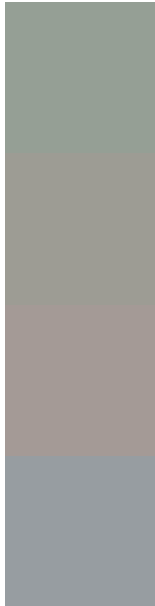
33.8861, 33.2518, 33.9104



Tritanopia

31.9052, 33.2795, 41.7878

Trichromacy



Original Color

30.2174, 33.3558, 33.2794

Protanomaly

31.1384, 33.0832, 32.7615

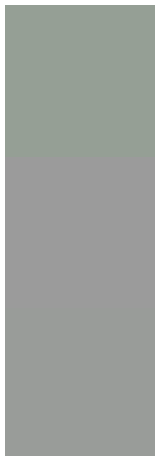
Deuteranomaly

32.3705, 33.2057, 33.5574

Tritanomaly

31.2525, 33.2665, 38.4921

Monochromacy



Original Color

30.2174, 33.3558, 33.2794

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7751, 32.8491, 34.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2174, 33.3558, 33.2794 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(149, 159, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 149)  
}
```

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(149, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.2174, 33.3558, 33.2794 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(149, 159, 149) }
```


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

```
.border{ border-color:rgb(149, 159, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2174, 33.3558, 33.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 149) }
```

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

```
.background{ background-color: rgb(149,  
159, 149) }
```

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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