

Converting Colors

XYZ(30.2401, 32.2908, 34.7724)

Have a look what the booklet for
XYZ(30.2401, 32.2908, 34.7724)
contains.

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Color

**XYZ(30.2336, 32.3219,
34.7823)**

Conversions

Conversions Part 1

Format	Color
Hex	979B99
RGB	151, 155, 153
RGB Percent	59%, 61%, 60%
CMY	0.4078, 0.3921, 0.4000
CMYK	0.03, 0.00, 0.01, 0.39
HSL	150°, 2%, 60%
HSV	150°, 3%, 61%
XYZ	30.2336, 32.3219, 34.7823
YIQ	153.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

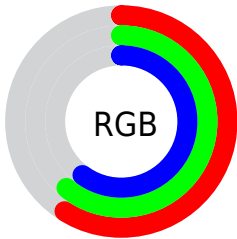
Format	Color
RYB	151, 154, 155
Decimal	9935769
CIELab	63.61, -1.82, 0.54
CIELCh	64, 1.901, 163.625
Yxy	32.3219, 0.3106, 0.3321
Android (android.graphics.Color)	4288125849 (0xFF979B99)
YUV	153.5760, -0.2840, -2.2592
Hunter-Lab	56.8524, -4.5668, 3.5230

Details

The XYZ color **30.2336, 32.3219, 34.7823** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3351, 31.4025, 34.6010**, and the grayscale version is **30.5320, 32.1220, 34.9809**.

A 20% lighter version of the original color is **59.2398, 63.0851, 68.0858**, and **12.6041, 13.5693, 14.5252** is the 20% darker color. If you saturate the color by 10%, you get **26.9243, 30.6884, 31.3923**, and if you desaturate by 10%, it is **33.9647, 34.1698, 38.4107**.

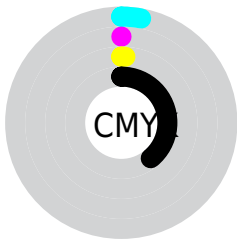
Distribution



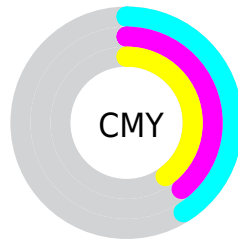
- Red (59%)
- Green (61%)
- Blue (60%)



- Red (59%)
- Yellow (60%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (41%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2336, 32.3219, 34.7823 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 30.2336, 32.3219, 34.7823 by changing the saturation by 10% instead.

■ 30.2336, 32.3219,
34.7823

■ 30.2336, 32.3219,
34.7823

294.8821,
312.5830, 338.4814

■ 20.1649, 21.6075,
23.2130

■ 59.4155, 63.3154,
68.2961

■ 12.6239, 13.5688,
14.5441

■ 79.2594, 84.3633,
91.0777

■ 7.2453, 7.8214,
8.3570

103.0925,
109.6244, 118.4339

■ 3.6637, 3.9809,
4.2332

131.2800,
139.4832, 150.7831

■ 1.5137, 1.6629,
1.7541

164.1874,
174.3241, 188.5439

■ 0.3351, 0.3994,
0.3974

202.1800,

■ 0.0000, 0.0000,

214.5314, 232.1349

0.0000

245.6231,
260.4896, 281.9745

■ 30.2336, 32.3219,
34.7823

■ 30.2336, 32.3219,
34.7823

■ 26.9243, 30.6884,
31.3923

■ 33.9647, 34.1698,
38.4107

■ 24.0185, 29.2573,
28.2337

■ 38.1293, 36.2354,
42.2801

■ 21.5007, 28.0217,
25.3023

■ 42.7423, 38.5272,
46.3956

■ 19.3535, 26.9725,
22.5930

■ 47.8170, 41.0519,
50.7617

■ 17.5579, 26.1001,
20.1002

■ 53.3661, 43.8160,
55.3827

■ 16.0930, 25.3939,
17.8185

■ 59.4016, 46.8257,
60.2627

■ 14.9360, 24.8422,
15.7419

■ 64.2591, 49.2228,
65.3273

■ 14.0607, 24.4316,
13.8642

■ 65.2326, 49.6122,
70.4534

■ 13.4361, 24.1463,
12.1787

■ 66.2533, 50.0205,
75.8284

Harmonies

Analogous

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



30.3700, 32.3219, 34.1449



30.2336, 32.3219, 34.7823



30.2273, 32.3219, 35.5387

Triad

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



30.2336, 32.3219, 34.7823



30.8415, 32.3219, 36.6338



31.0922, 32.3219, 34.1935

Complementary

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



30.2336, 32.3219, 34.7823



30.3351, 31.4025, 34.6010

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.



31.2200, 32.3219, 34.8496



30.2336, 32.3219, 34.7823



31.0747, 32.3219, 36.2625

Square

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



30.2336, 32.3219, 34.7823



30.5772, 32.3219, 36.6151



31.2136, 32.3219, 35.6070



30.8652, 32.3219, 33.8083

Rectangle

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



30.2336, 32.3219, 34.7823



30.2977, 32.3219, 36.0092



31.2136, 32.3219, 35.6070



31.1482, 32.3219, 34.3893

Sweetspot

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



30.2345, 32.3233, 34.7830



55.1377, 58.3760, 63.2766



30.4579, 32.4574, 33.9382



12.4890, 13.2175, 14.3311



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.



30.2345, 32.3233, 34.7830



53.8449, 57.7367, 61.9908



30.3957, 32.3878, 35.6321



6.6691, 7.1793, 7.6853



10.5228, 19.2726, 8.9739



0.1757, 0.2955, 0.2307

Inverse Universe

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



30.3351, 31.4025, 34.6010



54.0576, 55.7897, 61.6058



30.1765, 31.3390, 33.7655



6.7009, 6.8878, 7.6277



11.9681, 6.0415, 6.3570



0.1973, 0.0977, 0.1916

Previews

White Background



This preview shows how the XYZ color 30.2336, 32.3219, 34.7823 looks on a white background.

Color Contrast Check

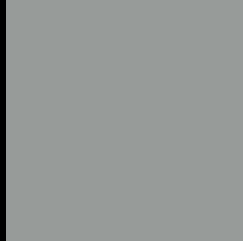
Large Text (above 18pt) WCAG AA × Fail

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 30.2336, 32.3219, 34.7823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

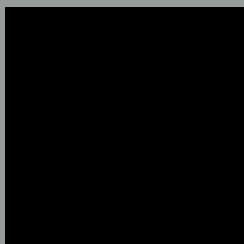
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

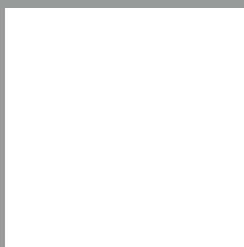
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2336, 32.3219, 34.7823

Background



This preview shows how black text looks on a background with the XYZ color 30.2336, 32.3219, 34.7823.



This preview shows how white text looks on a background with the XYZ color 30.2336, 32.3219,

34.7823.

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

30.2336, 32.3219, 34.7823

Protanopia

30.9634, 32.2176, 34.2924

Deuteranopia

32.9424, 32.2630, 35.0630



Tritanopia

31.3196, 32.2714, 40.1756

Trichromacy



Original Color

30.2336, 32.3219, 34.7823

Protanomaly

30.7407, 32.3468, 34.3291

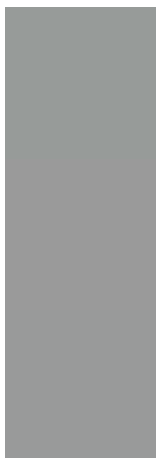
Deuteranomaly

31.7996, 32.1477, 35.1010

Tritanomaly

30.9375, 32.3598, 38.3337

Monochromacy



Original Color

30.2336, 32.3219, 34.7823

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5252, 32.2166, 35.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2336, 32.3219, 34.7823 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(151, 155, 153)` looks like.

```
.text, #text, p{  
    color:rgb(151, 155, 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(151, 155, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 155, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.2336, 32.3219, 34.7823 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(151, 155, 153) }
```


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

```
.border{ border-color:rgb(151, 155, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 155, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 155, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 155, 153);  
box-shadow:4px 4px 4px 4px rgb(151, 155,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2336, 32.3219, 34.7823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 155, 153) }
```

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

```
.background{ background-color: rgb(151,  
155, 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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