

Converting Colors

XYZ(30.0598, 30.7264, 32.6001)

Have a look what the booklet for
XYZ(30.0598, 30.7264, 32.6001)
contains.

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Color

**XYZ(30.0769, 30.8329,
32.7999)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9595
RGB	157, 149, 149
RGB Percent	62%, 58%, 58%
CMY	0.3843, 0.4157, 0.4157
CMYK	0.00, 0.05, 0.05, 0.38
HSL	0°, 4%, 60%
HSV	0°, 5%, 62%
XYZ	30.0769, 30.8329, 32.7999
YIQ	151.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

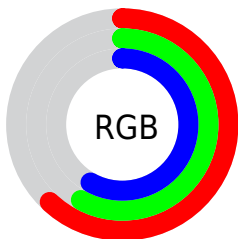
Format	Color
R_{YB}	157, 149, 149
Decimal	10327445
CIE _{Lab}	62.37, 2.94, 1.04
CIE _{LCh}	62, 3.117, 19.560
Yxy	30.8329, 0.3210, 0.3290
Android (android.graphics.Color)	4288517525 (0xFF9D9595)
YUV	151.3920, -1.1793, 4.9182
Hunter-Lab	55.5274, -0.4868, 3.8467

Details

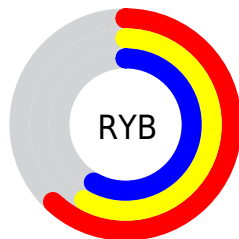
The XYZ color **30.0769, 30.8329, 32.7999** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5372, 32.9374, 36.6468**, and the grayscale version is **29.5876, 31.1284, 33.8988**.

A 20% lighter version of the original color is **59.2868, 61.0207, 65.1533**, and **12.5161, 12.6814, 13.3434** is the 20% darker color. If you saturate the color by 10%, you get **26.5892, 25.7297, 25.8644**, and if you desaturate by 10%, it is **34.0700, 36.6756, 40.7383**.

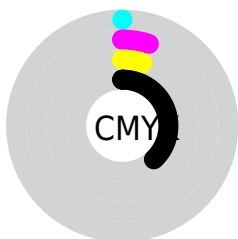
Distribution



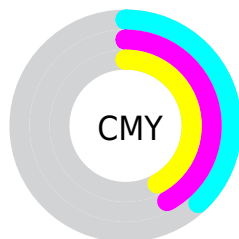
- Red (62%)
- Green (58%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0769, 30.8329, 32.7999 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 30.0769, 30.8329, 32.7999 by changing the saturation by 10% instead.

■ 30.0769, 30.8329,
32.7999

■ 30.0769, 30.8329,
32.7999

294.1661,
305.7678, 329.3514

■ 20.0453, 20.4716,
21.7033

■ 59.1696, 60.9769,
65.1754

■ 12.5365, 12.7383,
13.4429

■ 78.9614, 81.5284,
87.2914

■ 7.1849, 7.2486,
7.5999

102.7373,
106.2455, 113.9177

■ 3.6254, 3.6181,
3.7559

130.8627,
135.5125, 145.4727

■ 1.4925, 1.4623,
1.4924

163.7029,
169.7138, 182.3751

■ 0.3207, 0.2620,
0.2123

201.6233,

■ 0.0000, 0.0000,

209.2339, 225.0433

0.0000

244.9893,
254.4571, 273.8959

■ 30.0769, 30.8329,
32.7999

■ 30.0769, 30.8329,
32.7999

■ 26.5892, 25.7297,
25.8644

■ 34.0700, 36.6756,
40.7383

■ 23.5842, 21.3329,
19.8901

■ 38.5848, 43.2815,
49.7152

■ 21.0416, 17.6124,
14.8351

■ 43.6401, 50.6781,
59.7669

■ 18.9384, 14.5348,
10.6539

■ 49.2528, 58.8904,
70.9272

■ 17.2496, 12.0636,
7.2969

■ 55.4394, 67.9421,
83.2287

■ 15.9480, 10.1588,
4.7097

■ 62.2154, 77.8563,
96.7025

■ 15.0028, 8.7756,
2.8313

■ 67.7148, 85.9082,
107.6207

■ 14.3788, 7.8623,
1.5915

■ 14.0311, 7.3533,
0.9009

Harmonies

Analogous

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



30.1109, 30.8329, 33.9946



30.0769, 30.8329, 32.7999



29.8352, 30.8329, 31.8343

Triad

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



30.0769, 30.8329, 32.7999



28.6926, 30.8329, 32.0871



29.1590, 30.8329, 35.9091

Complementary

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



30.0769, 30.8329, 32.7999



30.5372, 32.9374, 36.6468

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.



28.7826, 30.8329, 35.3714



30.0769, 30.8329, 32.7999



28.5151, 30.8329, 33.1525

Square

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



30.0769, 30.8329, 32.7999



29.0350, 30.8329, 31.4296



28.5479, 30.8329, 34.3557



29.5782, 30.8329, 35.8092

Rectangle

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



30.0769, 30.8329, 32.7999



29.5900, 30.8329, 31.4413



28.5479, 30.8329, 34.3557



29.0233, 30.8329, 35.7964

Sweetspot

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



30.0778, 30.8342, 32.8006



55.9539, 58.2759, 62.8939



30.7383, 31.0978, 36.2811



12.3312, 12.8509, 13.8770



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.



30.0778, 30.8342, 32.8006



53.1876, 54.2283, 57.3937



30.7211, 32.1210, 33.0150



6.8652, 6.9858, 7.3801



11.2936, 5.8228, 0.5287



0.2020, 0.1042, 0.0095

Inverse Universe

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



30.5372, 32.9374, 36.6468



54.1685, 58.7186, 65.6056



29.8719, 31.6068, 36.4250



6.9995, 7.6009, 8.5049



14.7281, 21.5478, 29.2901



0.2634, 0.3854, 0.5237

Previews

White Background



This preview shows how the XYZ color 30.0769, 30.8329, 32.7999 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 30.0769, 30.8329, 32.7999 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

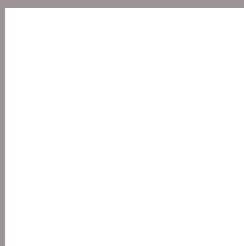
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0769, 30.8329, 32.7999

Background



This preview shows how black text looks on a background with the XYZ color 30.0769, 30.8329, 32.7999.

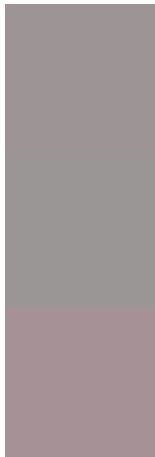


This preview shows how white text looks on a background with the XYZ color 30.0769, 30.8329,

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

30.0769, 30.8329, 32.7999

Protanopia

29.7378, 30.8847, 33.2482

Deuteranopia

31.5098, 30.8668, 33.1513



Tritanopia

30.7923, 30.6397, 37.0920

Trichromacy



Original Color

30.0769, 30.8329, 32.7999

Protanomaly

29.9289, 30.9833, 33.2571

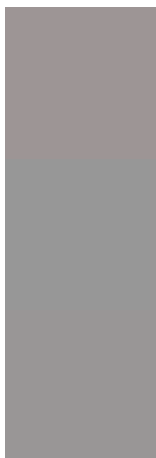
Deuteranomaly

31.0430, 30.8560, 33.1738

Tritanomaly

30.6069, 30.8155, 35.3452

Monochromacy



Original Color

30.0769, 30.8329, 32.7999

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5482, 30.7870, 33.2393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0769, 30.8329, 32.7999 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(157, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(157, 149, 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(157, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 149, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.0769, 30.8329, 32.7999 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(157, 149, 149) }
```


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

```
.border{ border-color:rgb(157, 149, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 149, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(157, 149,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0769, 30.8329, 32.7999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 149, 149) }
```

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

```
.background{ background-color: rgb(157,  
149, 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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