

Converting Colors

XYZ(33.2760, 32.0295, 64.1030)

Have a look what the booklet for
XYZ(33.2760, 32.0295, 64.1030)
contains.

XYZ(33.2760, 32.0295, 64.1030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.2760, 32.0295,
64.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	8D96D0
RGB	141, 150, 208
RGB Percent	55%, 59%, 82%
CMY	0.4470, 0.4118, 0.1843
CMYK	0.32, 0.28, 0.00, 0.18
HSL	232°, 42%, 68%
HSV	232°, 32%, 82%
XYZ	33.2760, 32.0295, 64.1030
YIQ	153.9210, -23.9820, 16.1300

Conversions

Conversions Part 2

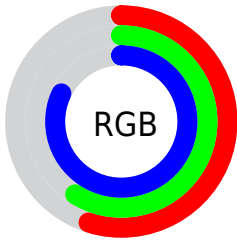
Format	Color
RYB	141, 149, 208
Decimal	9279184
CIELab	63.37, 10.30, -30.78
CIELCh	63, 32.461, 288.497
Yxy	32.0295, 0.2571, 0.2475
Android (android.graphics.Color)	4287469264 (0xFF8D96D0)
YUV	153.9210, 26.6609, -11.3317
Hunter-Lab	56.5946, 5.9123, -27.5398

Details

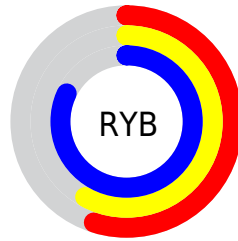
The XYZ color **33.2760, 32.0295, 64.1030** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2442, 56.1803, 33.3434**, and the grayscale version is **30.5758, 32.1681, 35.0310**.

A 20% lighter version of the original color is **62.4078, 62.1415, 103.3130**, and **14.2361, 13.2983, 31.9535** is the 20% darker color. If you saturate the color by 10%, you get **27.4100, 25.0634, 63.0682**, and if you desaturate by 10%, it is **40.2498, 40.2234, 65.3176**.

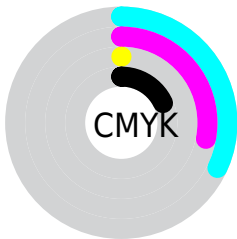
Distribution



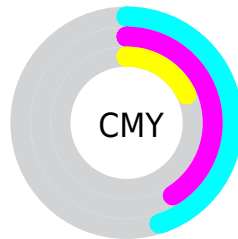
- Red (55%)
- Green (59%)
- Blue (82%)



- Red (55%)
- Yellow (58%)
- Blue (82%)



- Cyan (32%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2760, 32.0295, 64.1030 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 33.2760, 32.0295, 64.1030 by changing the saturation by 10% instead.

■ 33.2760, 32.0295,
64.1030

■ 33.2760, 32.0295,
64.1030

308.5346,
311.2536, 457.7792

■ 22.4982, 21.3840,
46.2874

■ 64.1580, 62.8573,
112.3602

■ 14.3421, 13.4050,
32.1224

■ 84.9929, 83.8085,
143.6388

■ 8.4423, 7.7080,
21.1894

109.9109,
108.9637, 180.2421

■ 4.4334, 3.9087,
13.0699

139.2773,
138.7072, 222.5888

■ 1.9501, 1.6226,
7.3454

173.4576,
173.4236, 271.0973

■ 0.6057, 0.3728,
3.5973

212.8170,

■ 0.0000, 0.0000,

213.4972, 326.1862

1.4072

257.7209,
259.3124, 388.2739

■ 0.0000, 0.0000,
0.1473

■ 0.0000, 0.0000,
0.0000

■ 33.2760, 32.0295,
64.1030

■ 33.2760, 32.0295,
64.1030

■ 27.4100, 25.0634,
63.0682

■ 40.2498, 40.2234,
65.3176

■ 22.5913, 19.2622,
62.2024

■ 48.3814, 49.6968,
66.7176

■ 18.7583, 14.5625,
61.4973

■ 57.7216, 60.5029,
68.3111

■ 15.8417, 10.8936,
60.9428

■ 68.3171, 72.6906,
70.1051

■ 13.7628, 8.1764,
60.5279

■ 80.2122, 86.3065,
72.1063

■ 12.4293, 6.3197,
60.2398

■ 88.3853, 97.3341,
73.8040

■ 11.7992, 5.3819,
60.0920

Harmonies

Analogous

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



28.7474, 32.0295, 65.2861



33.2760, 32.0295, 64.1030



37.4053, 32.0295, 54.0416

Triad

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



33.2760, 32.0295, 64.1030



36.5543, 32.0295, 19.3941



22.7163, 32.0295, 30.1559

Complementary

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



33.2760, 32.0295, 64.1030



51.2442, 56.1803, 33.3434

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.



24.4032, 32.0295, 20.8782



33.2760, 32.0295, 64.1030



32.2041, 32.0295, 15.7698

Square

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



33.2760, 32.0295, 64.1030



39.4230, 32.0295, 27.5785



27.7757, 32.0295, 16.2360



22.9422, 32.0295, 43.3560

Rectangle

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



33.2760, 32.0295, 64.1030



39.2386, 32.0295, 44.7858



27.7757, 32.0295, 16.2360



23.0712, 32.0295, 26.5456

Sweetspot

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



33.2771, 32.0307, 64.1037



79.6407, 82.1961, 106.2757



43.7285, 54.8501, 61.6790



16.6172, 17.0956, 22.6739



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.2771, 32.0307, 64.1037



45.8446, 42.5855, 100.4113



36.3139, 31.5454, 63.8500



11.2899, 11.6701, 14.9012



7.3946, 3.4357, 37.4659



0.4562, 0.2777, 2.1091

Inverse Universe

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



41.0432, 34.6627, 33.3828



60.2061, 47.7474, 43.5347



47.2636, 57.2940, 33.7682



11.8725, 11.8337, 12.6043



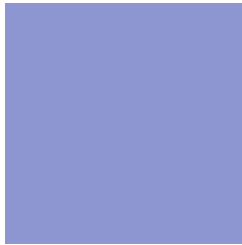
16.3632, 8.4181, 1.5526



0.9365, 0.4793, 0.2005

Previews

White Background



This preview shows how the XYZ color 33.2760, 32.0295, 64.1030 looks on a white background.

Color Contrast Check

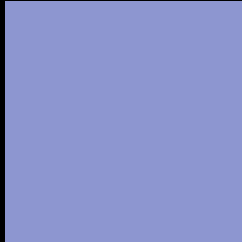
Large Text (above 18pt) WCAG AA × Fail

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 33.2760, 32.0295, 64.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

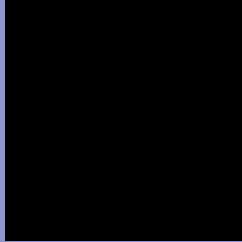
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2760, 32.0295, 64.1030

Background



This preview shows how black text looks on a background with the XYZ color 33.2760, 32.0295, 64.1030.



This preview shows how white text looks on a background with the XYZ color 33.2760, 32.0295,

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

33.2760, 32.0295, 64.1030

Protanopia

32.7286, 31.9709, 64.7676

Deuteranopia

32.7683, 32.0056, 64.1251



Tritanopia

28.9855, 32.0028, 42.6797

Trichromacy



Original Color

33.2760, 32.0295, 64.1030

Protanomaly

33.0565, 32.1399, 64.7830

Deuteranomaly

32.9330, 32.0906, 64.1328

Tritanomaly

30.3607, 31.8061, 49.8864

Monochromacy



Original Color

33.2760, 32.0295, 64.1030

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.4256, 32.2280, 44.6087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2760, 32.0295, 64.1030 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(141, 150, 208)` looks like.

```
.text, #text, p{  
    color:rgb(141, 150, 208)  
}
```

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(141, 150, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 150, 208) }
```

Border

The CSS property to change the border of an element to XYZ 33.2760, 32.0295, 64.1030 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(141, 150, 208) }
```


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

```
.border{ border-color:rgb(141, 150, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 150, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 150, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 150, 208); box-shadow:4px 4px 4px 4px rgb(141, 150, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2760, 32.0295, 64.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 150, 208) }
```

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

```
.background{ background-color: rgb(141,  
150, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor