

Converting Colors

XYZ(34.0828, 32.2375, 73.5333)

Have a look what the booklet for
XYZ(34.0828, 32.2375, 73.5333)
contains.

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Color

**XYZ(34.0828, 32.2375,
73.5333)**

Conversions

Conversions Part 1

Format	Color
Hex	8796DE
RGB	135, 150, 222
RGB Percent	53%, 59%, 87%
CMY	0.4706, 0.4118, 0.1294
CMYK	0.39, 0.32, 0.00, 0.13
HSL	230°, 57%, 70%
HSV	230°, 39%, 87%
XYZ	34.0828, 32.2375, 73.5333
YIQ	153.7230, -32.0520, 19.2120

Conversions

Conversions Part 2

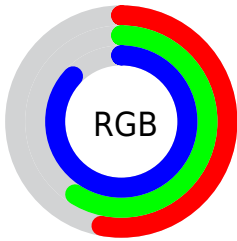
Format	Color
RYB	135, 148, 222
Decimal	8885982
CIELab	63.54, 12.38, -38.34
CIELCh	64, 40.286, 287.904
Yxy	32.2375, 0.2437, 0.2305
Android (android.graphics.Color)	4287076062 (0xFF8796DE)
YUV	153.7230, 33.6606, -16.4201
Hunter-Lab	56.7781, 7.7885, -37.0418

Details

The XYZ color **34.0828, 32.2375, 73.5333** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.8111, 61.9056, 31.8777**, and the grayscale version is **30.4621, 32.0485, 34.9008**.

A 20% lighter version of the original color is **61.1287, 61.4821, 103.2531**, and **14.7381, 13.4262, 37.8911** is the 20% darker color. If you saturate the color by 10%, you get **28.1709, 25.1740, 72.4821**, and if you desaturate by 10%, it is **41.2013, 40.6066, 74.7741**.

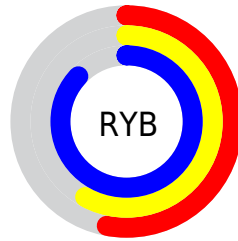
Distribution



Red (53%)

Green (59%)

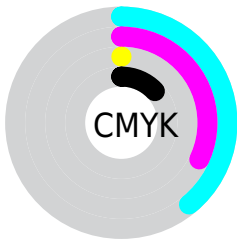
Blue (87%)



Red (53%)

Yellow (58%)

Blue (87%)

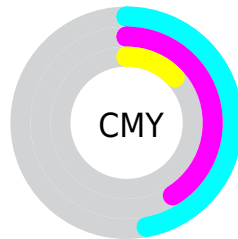


Cyan (39%)

Magenta (32%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (41%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0828, 32.2375, 73.5333 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 34.0828, 32.2375, 73.5333 by changing the saturation by 10% instead.

■ 34.0828, 32.2375,
73.5333

■ 34.0828, 32.2375,
73.5333

312.0805,
312.1997, 491.9813

■ 23.1204, 21.5430,
53.9177

■ 65.4058, 63.1832,
125.9619

■ 14.8036, 13.5215,
38.1431

■ 86.4972, 84.2032,
159.6120

■ 8.7671, 7.7886,
25.7911

■ 111.6956,
109.4338, 198.7773

■ 4.6455, 3.9600,
16.4431

141.3664,
139.2594, 243.8764

■ 2.0734, 1.6512,
9.6805

175.8749,
174.0644, 295.3278

■ 0.6747, 0.3918,
5.0848

215.5865,

■ 0.0000, 0.0000,

214.2332, 353.5501

2.2375

260.8666,
260.1502, 418.9617

■ 0.0000, 0.0000,
0.6959

■ 0.0000, 0.0000,
0.0000

■ 34.0828, 32.2375,
73.5333

■ 34.0828, 32.2375,
73.5333

■ 28.1709, 25.1740,
72.4821

■ 41.2013, 40.6066,
74.7741

■ 23.3942, 19.3458,
71.6089

■ 49.5857, 50.3396,
76.2109

■ 19.6789, 14.6811,
70.9043

■ 59.2951, 61.4956,
77.8525

■ 16.9407, 11.0993,
70.3573

■ 70.3843, 74.1292,
79.7065

■ 15.0818, 8.5084,
69.9552

■ 82.9045, 88.2919,
81.7803

■ 13.9585, 6.7875,
69.6822

■ 90.1849, 98.0540,
83.2809

■ 13.8869, 6.6778,
69.6648

Harmonies

Analogous

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



28.4326, 32.2375, 74.8695



34.0828, 32.2375, 73.5333



39.3749, 32.2375, 60.1911

Triad

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



34.0828, 32.2375, 73.5333



38.4672, 32.2375, 16.7870



21.2461, 32.2375, 29.0096

Complementary

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



34.0828, 32.2375, 73.5333



56.8111, 61.9056, 31.8777

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.



23.3044, 32.2375, 18.1792



34.0828, 32.2375, 73.5333



32.9604, 32.2375, 12.7099

Square

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



34.0828, 32.2375, 73.5333



42.1113, 32.2375, 26.4241



27.4387, 32.2375, 13.1265



21.4688, 32.2375, 45.4959

Rectangle

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



34.0828, 32.2375, 73.5333



41.7782, 32.2375, 48.0708



27.4387, 32.2375, 13.1265



21.6827, 32.2375, 24.7032

Sweetspot

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



34.0839, 32.2387, 73.5341



77.1212, 79.5446, 105.8967



47.2606, 61.8529, 67.8731



16.1252, 16.5875, 22.6018



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.



34.0839, 32.2387, 73.5341



39.9230, 36.0976, 99.4711



36.8622, 30.3423, 73.0216



13.1421, 13.6233, 17.3246



8.3043, 4.0782, 41.3978



0.6335, 0.3985, 2.8888

Inverse Universe

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



44.2942, 35.0608, 33.2881



55.9098, 41.0238, 36.3412



52.8592, 65.5215, 32.7840



13.8032, 13.7389, 14.7338



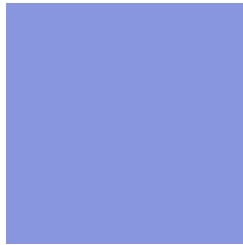
18.1318, 9.3197, 2.0941



1.2860, 0.6577, 0.2990

Previews

White Background



This preview shows how the XYZ color 34.0828, 32.2375, 73.5333 looks on a white background.

Color Contrast Check

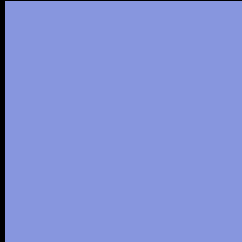
Large Text (above 18pt) WCAG AA × Fail

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 34.0828, 32.2375, 73.5333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

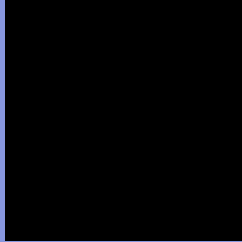
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0828, 32.2375, 73.5333

Background



This preview shows how black text looks on a background with the XYZ color 34.0828, 32.2375, 73.5333.



This preview shows how white text looks on a background with the XYZ color 34.0828, 32.2375,

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

34.0828, 32.2375, 73.5333

Protanopia

33.5918, 32.2068, 74.2581

Deuteranopia

33.1654, 32.2424, 73.5826



Tritanopia

28.2820, 32.3697, 44.2925

Trichromacy



Original Color

34.0828, 32.2375, 73.5333

Protanomaly

33.9016, 32.3665, 74.2726

Deuteranomaly

33.4573, 32.1530, 73.5500

Tritanomaly

30.0448, 32.0505, 53.8931

Monochromacy



Original Color

34.0828, 32.2375, 73.5333

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.5605, 32.2402, 47.2074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0828, 32.2375, 73.5333 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(135, 150, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 222)  
}
```

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(135, 150, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 222) }
```

Border

The CSS property to change the border of an element to XYZ 34.0828, 32.2375, 73.5333 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(135, 150, 222) }
```


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

```
.border{ border-color:rgb(135, 150, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 150, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 150, 222);  
box-shadow:4px 4px 4px 4px rgb(135, 150,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0828, 32.2375, 73.5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 222) }
```

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

```
.background{ background-color: rgb(135,  
150, 222) }
```

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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