

Converting Colors

XYZ(32.0134, 33.3852, 73.8639)

Have a look what the booklet for
XYZ(32.0134, 33.3852, 73.8639)
contains.

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Color

**XYZ(32.0134, 33.3852,
73.8639)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9FDE
RGB	110, 159, 222
RGB Percent	43%, 62%, 87%
CMY	0.5686, 0.3765, 0.1294
CMYK	0.50, 0.28, 0.00, 0.13
HSL	214°, 63%, 65%
HSV	214°, 50%, 87%
XYZ	32.0134, 33.3852, 73.8639
YIQ	151.5310, -49.4270, 9.2050

Conversions

Conversions Part 2

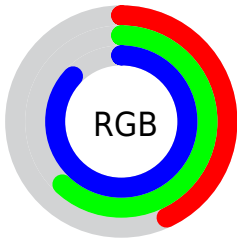
Format	Color
R_{YB}	110, 144, 222
Decimal	7249886
CIE _{Lab}	64.47, 1.02, -36.99
CIE _{LCh}	64, 37.003, 271.585
Yxy	33.3852, 0.2299, 0.2397
Android (android.graphics.Color)	4285439966 (0xFF6E9FDE)
YUV	151.5310, 34.7412, -36.4227
Hunter-Lab	57.7799, -2.2156, -35.3484

Details

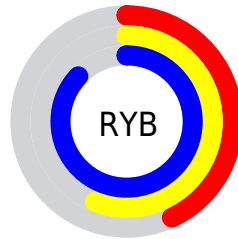
The XYZ color **32.0134, 33.3852, 73.8639** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.8836, 46.5444, 21.2137**, and the grayscale version is **29.5149, 31.0519, 33.8156**.

A 20% lighter version of the original color is **57.7806, 63.0240, 103.7272**, and **13.7029, 14.2190, 38.5815** is the 20% darker color. If you saturate the color by 10%, you get **27.5494, 28.0560, 73.0712**, and if you desaturate by 10%, it is **37.3885, 39.5074, 74.7630**.

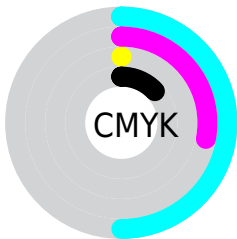
Distribution



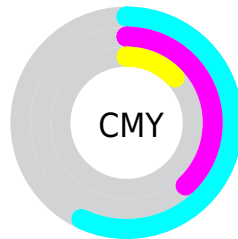
- Red (43%)
- Green (62%)
- Blue (87%)



- Red (43%)
- Yellow (56%)
- Blue (87%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (13%)



- Cyan (57%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0134, 33.3852, 73.8639 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 32.0134, 33.3852, 73.8639 by changing the saturation by 10% instead.

■ 32.0134, 33.3852,
73.8639

■ 32.0134, 33.3852,
73.8639

302.9245,
317.3819, 493.1543

■ 21.5273, 22.4217,
54.1865

■ 62.1971, 64.9765,
126.4351

■ 13.6247, 14.1671,
38.3566

■ 82.6255, 86.3730,
160.1661

■ 7.9400, 8.2370,
25.9556

■ 107.0987,
112.0160, 199.4186

■ 4.1081, 4.2470,
16.5650

135.9821,
142.2899, 244.6113

■ 1.7635, 1.8126,
9.7662

169.6410,
177.5790, 296.1627

■ 0.4955, 0.4950,
5.1406

208.4408,

■ 0.0000, 0.0000,

218.2678, 354.4913

2.2698

252.7469,
264.7406, 420.0157

■ 0.0000, 0.0000,
0.7142

■ 0.0000, 0.0000,
0.0000

■ 32.0134, 33.3852,
73.8639

■ 32.0134, 33.3852,
73.8639

■ 27.5494, 28.0560,
73.0712

■ 37.3885, 39.5074,
74.7630

■ 23.9340, 23.4762,
72.3777

■ 43.7246, 46.4557,
75.7702

■ 21.1013, 19.6025,
71.7793

■ 51.0719, 54.2652,
76.8903

■ 18.9727, 16.3839,
71.2703

■ 59.4757, 62.9677,
78.1271

■ 17.4710, 13.8461,
70.8596

■ 68.9787, 72.5933,
79.4842

■ 79.6209, 83.1706,
80.9649

■ 87.5076, 92.6994,
82.3885

■ 90.1849, 98.0540,
83.2809

Harmonies

Analogous

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



27.1403, 33.3852, 68.4010



32.0134, 33.3852, 73.8639



37.3535, 33.3852, 67.1820

Triad

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



32.0134, 33.3852, 73.8639



41.1927, 33.3852, 23.1462



23.6115, 33.3852, 24.1930

Complementary

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



32.0134, 33.3852, 73.8639



47.8836, 46.5444, 21.2137

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.



26.7042, 33.3852, 16.7775



32.0134, 33.3852, 73.8639



36.8136, 33.3852, 16.3015

Square

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



32.0134, 33.3852, 73.8639



43.0042, 33.3852, 35.5521



31.4515, 33.3852, 14.3396



22.6241, 33.3852, 37.1613

Rectangle

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



32.0134, 33.3852, 73.8639



40.3724, 33.3852, 57.5826



31.4515, 33.3852, 14.3396



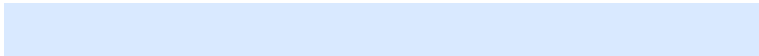
24.4211, 33.3852, 21.1085

Sweetspot

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



32.0146, 33.3864, 73.8647



75.8671, 80.4857, 106.1444



39.9609, 58.5217, 48.0198



15.7205, 16.6897, 22.6428



0.0000, 0.0000, 0.0000



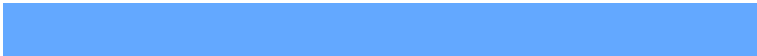
20.3446, 21.4041, 23.3091

Same Dimension

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



32.0146, 33.3864, 73.8647



37.1557, 37.7196, 99.9300



25.9116, 20.1131, 71.6244



13.4429, 14.2250, 17.4249



10.4837, 8.4370, 42.1243



0.8146, 0.7607, 2.9491

Inverse Universe

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



41.9592, 29.1861, 36.2239



52.7661, 33.0778, 40.4063



57.3738, 68.0290, 24.8605



13.9550, 13.7996, 15.5334



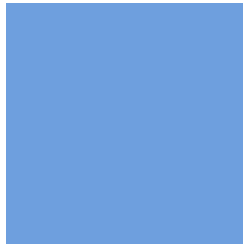
19.2319, 9.7598, 7.8870



1.3774, 0.6942, 0.7805

Previews

White Background



This preview shows how the XYZ color 32.0134, 33.3852, 73.8639 looks on a white background.

Color Contrast Check

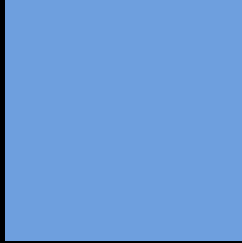
Large Text (above 18pt) WCAG AA × Fail

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 32.0134, 33.3852, 73.8639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

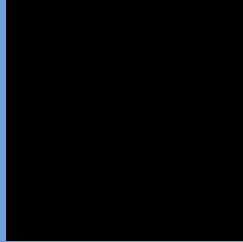
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0134, 33.3852, 73.8639

Background



This preview shows how black text looks on a background with the XYZ color 32.0134, 33.3852, 73.8639.

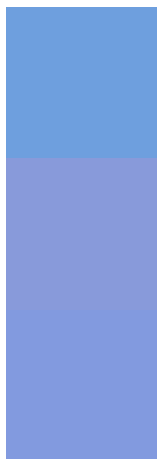


This preview shows how white text looks on a background with the XYZ color 32.0134, 33.3852,

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

32.0134, 33.3852, 73.8639

Protanopia

34.3638, 33.4074, 70.9668

Deuteranopia

34.0808, 33.1847, 74.4211



Tritanopia

26.8808, 33.4195, 48.2139

Trichromacy



Original Color

32.0134, 33.3852, 73.8639

Protanomaly

33.4270, 33.4034, 71.7035

Deuteranomaly

33.3761, 33.3156, 74.4835

Tritanomaly

28.4926, 33.2578, 56.5474

Monochromacy



Original Color

32.0134, 33.3852, 73.8639

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9737, 31.9354, 46.1793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0134, 33.3852, 73.8639 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(110, 159, 222)` looks like.

```
.text, #text, p{  
    color:rgb(110, 159, 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(110, 159, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 159, 222) }
```

Border

The CSS property to change the border of an element to XYZ 32.0134, 33.3852, 73.8639 is called "border". The border property can be set on classes, ids or directly on the HTML element.

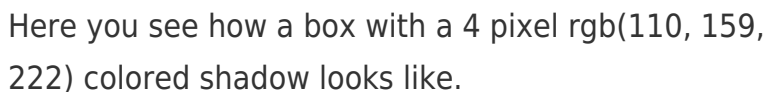
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 159, 222) }
```


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

```
.border{ border-color:rgb(110, 159, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 159, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 159, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 159, 222);  
box-shadow:4px 4px 4px 4px rgb(110, 159,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0134, 33.3852, 73.8639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 159, 222) }
```

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

```
.background{ background-color: rgb(110,  
159, 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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