

Converting Colors

XYZ(32.5895, 30.8042, 52.1809)

Have a look what the booklet for
XYZ(32.5895, 30.8042, 52.1809)
contains.

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Color

**XYZ(32.6371, 30.7949,
52.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	9A91BD
RGB	154, 145, 189
RGB Percent	60%, 57%, 74%
CMY	0.3961, 0.4314, 0.2588
CMYK	0.19, 0.23, 0.00, 0.26
HSL	252°, 25%, 65%
HSV	252°, 23%, 74%
XYZ	32.6371, 30.7949, 52.3680
YIQ	152.7070, -8.7600, 15.5920

Conversions

Conversions Part 2

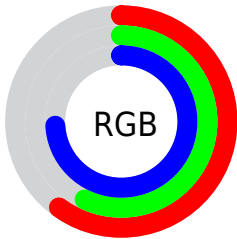
Format	Color
RYB	154, 145, 189
Decimal	10129853
CIELab	62.33, 12.48, -21.64
CIELCh	62, 24.982, 299.976
Yxy	30.7949, 0.2818, 0.2659
Android (android.graphics.Color)	4288319933 (0xFF9A91BD)
YUV	152.7070, 17.8924, 1.1340
Hunter-Lab	55.4932, 7.8679, -17.1058

Details

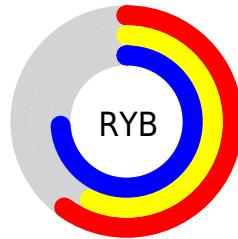
The XYZ color **32.6371, 30.7949, 52.3680** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.1318, 48.1436, 33.8614**, and the grayscale version is **30.0792, 31.6457, 34.4622**.

A 20% lighter version of the original color is **63.1993, 60.9947, 94.8284**, and **14.0156, 12.7868, 25.0219** is the 20% darker color. If you saturate the color by 10%, you get **27.3015, 24.1084, 51.3591**, and if you desaturate by 10%, it is **38.8136, 38.6295, 53.5552**.

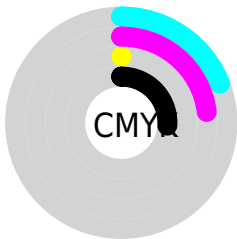
Distribution



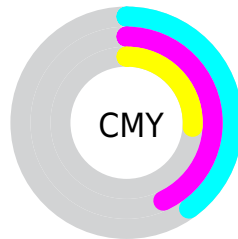
- Red (60%)
- Green (57%)
- Blue (74%)



- Red (60%)
- Yellow (57%)
- Blue (74%)



- Cyan (19%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6371, 30.7949, 52.3680 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 32.6371, 30.7949, 52.3680 by changing the saturation by 10% instead.

■ 32.6371, 30.7949,
52.3680

■ 32.6371, 30.7949,
52.3680

305.7053,
305.5923, 412.8530

■ 22.0065, 20.4427,
36.9142

■ 63.1670, 60.9170,
95.1058

■ 13.9783, 12.7173,
24.8458

■ 83.7970, 81.4557,
123.2270

■ 8.1872, 7.2341,
15.7442

108.4909,
106.1588, 156.4077

■ 4.2678, 3.6090,
9.1910

137.6139,
135.4105, 195.0664

■ 1.8547, 1.4573,
4.7674

171.5316,
169.5953, 239.6218

■ 0.5503, 0.2584,
2.0551

210.6091,

■ 0.0000, 0.0000,

209.0976, 290.4923

0.5889

255.2119,
254.3018, 348.0965

■ 0.0000, 0.0000,
0.0000

■ 32.6371, 30.7949,
52.3680

■ 32.6371, 30.7949,
52.3680

■ 27.3015, 24.1084,
51.3591

■ 38.8136, 38.6295,
53.5552

■ 22.7668, 18.5120,
50.5179

■ 45.8626, 47.6592,
54.9266

■ 18.9942, 13.9482,
49.8358

■ 53.8176, 57.9328,
56.4903

■ 15.9405, 10.3526,
49.3028

■ 62.7098, 69.4952,
58.2534

■ 13.5579, 7.6535,
48.9074

■ 72.5685, 82.3893,
60.2226

■ 11.7923, 5.7690,
48.6367

■ 82.3263, 94.4647,
62.0391

■ 10.5806, 4.6015,
48.4752

■ 86.1854, 96.4542,
62.2197

■ 10.0091, 4.0988,
48.4083

Harmonies

Analogous

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



29.2669, 30.7949, 55.7902



32.6371, 30.7949, 52.3680



35.2626, 30.7949, 43.7284

Triad

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



32.6371, 30.7949, 52.3680



32.6422, 30.7949, 19.8631



23.2417, 30.7949, 33.5226

Complementary

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



32.6371, 30.7949, 52.3680



42.1318, 48.1436, 33.8614

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.



23.9973, 30.7949, 25.0556



32.6371, 30.7949, 52.3680



29.2724, 30.7949, 18.1536

Square

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



32.6371, 30.7949, 52.3680



35.2657, 30.7949, 25.0668



26.1421, 30.7949, 19.8576



23.9949, 30.7949, 43.7123

Rectangle

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



32.6371, 30.7949, 52.3680



36.1446, 30.7949, 36.8744



26.1421, 30.7949, 19.8576



23.3269, 30.7949, 30.3950

Sweetspot

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



32.6381, 30.7962, 52.3687



77.1114, 78.8995, 97.3911



37.2250, 42.4181, 54.3702



16.4183, 16.7566, 20.9116



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.6381, 30.7962, 52.3687



53.3304, 48.7141, 92.8182



37.1710, 33.1330, 52.5808



9.1939, 9.3168, 11.9860



6.7863, 2.7845, 32.5727



0.3204, 0.1372, 1.2785

Inverse Universe

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



39.3509, 34.3661, 47.7406



67.5549, 56.2848, 82.7428



37.4493, 45.7297, 33.6423



9.8441, 9.6619, 11.5679



17.8710, 8.7795, 20.4118



0.7215, 0.3525, 0.9129

Previews

White Background



This preview shows how the XYZ color 32.6371, 30.7949, 52.3680 looks on a white background.

Color Contrast Check

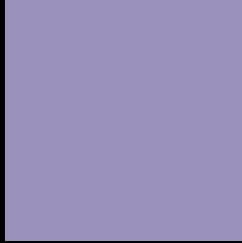
Large Text (above 18pt) WCAG AA × Fail

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 32.6371, 30.7949, 52.3680 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 32.6371, 30.7949, 52.3680

Background



This preview shows how black text looks on a background with the XYZ color 32.6371, 30.7949, 52.3680.



This preview shows how white text looks on a background with the XYZ color 32.6371, 30.7949,

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

32.6371, 30.7949, 52.3680

Protanopia

31.0771, 30.8761, 54.1909

Deuteranopia

31.5211, 30.9216, 51.8841



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

32.6371, 30.7949, 52.3680

Protanomaly

31.6709, 30.9611, 53.5971

Deuteranomaly

31.9052, 30.8878, 51.8573

Tritanomaly

30.7988, 30.7377, 43.3394

Monochromacy



Original Color

32.6371, 30.7949, 52.3680

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9261, 31.3382, 40.4953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6371, 30.7949, 52.3680 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(154, 145, 189)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 189)  
}
```

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(154, 145, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 189) }
```

Border

The CSS property to change the border of an element to XYZ 32.6371, 30.7949, 52.3680 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(154, 145, 189) }
```


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

```
.border{ border-color:rgb(154, 145, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 189);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6371, 30.7949, 52.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 189) }
```

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

```
.background{ background-color: rgb(154,  
145, 189) }
```

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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