

Converting Colors

XYZ(32.8718, 23.5343, 32.1229)

Have a look what the booklet for
XYZ(32.8718, 23.5343, 32.1229)
contains.

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Color

**XYZ(32.9418, 23.5370,
32.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	C36797
RGB	195, 103, 151
RGB Percent	76%, 40%, 59%
CMY	0.2353, 0.5961, 0.4078
CMYK	0.00, 0.47, 0.23, 0.24
HSL	329°, 43%, 58%
HSV	329°, 47%, 76%
XYZ	32.9418, 23.5370, 32.0850
YIQ	135.9800, 39.4240, 34.4320

Conversions

Conversions Part 2

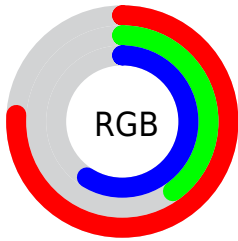
Format	Color
R _Y B	195, 103, 151
Decimal	12806039
CIE Lab	55.62, 42.50, -9.60
CIE LCh	56, 43.575, 347.266
Yxy	23.5370, 0.3720, 0.2658
Android (android.graphics.Color)	4290996119 (0xFFC36797)
YUV	135.9800, 7.4049, 51.7605
Hunter-Lab	48.5149, 36.3009, -5.2505

Details

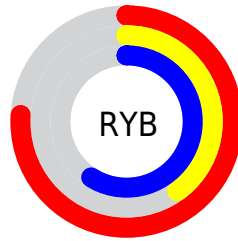
The XYZ color **32.9418, 23.5370, 32.0850** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.3762, 44.0209, 34.5018**, and the grayscale version is **23.3578, 24.5743, 26.7614**.

A 20% lighter version of the original color is **63.4159, 49.0674, 63.8862**, and **14.1315, 8.7767, 13.0059** is the 20% darker color. If you saturate the color by 10%, you get **30.4958, 19.8095, 27.6794**, and if you desaturate by 10%, it is **35.9013, 28.1952, 36.9580**.

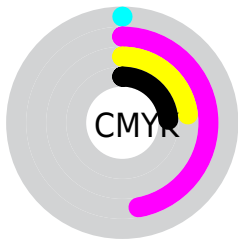
Distribution



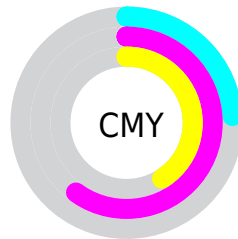
- Red (76%)
- Green (40%)
- Blue (59%)



- Red (76%)
- Yellow (40%)
- Blue (59%)



- Cyan (0%)
- Magenta (47%)
- Yellow (23%)
- Black (24%)





- Cyan (24%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9418, 23.5370, 32.0850 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 32.9418, 23.5370, 32.0850 by changing the saturation by 10% instead.


 32.9418, 23.5370,
32.0850


 32.9418, 23.5370,
32.0850


307.0570,
270.4713, 326.0109


 22.2409, 14.9905,
21.1611


 63.6399, 49.2736,
64.0438


 14.1516, 8.8127,
13.0494


 84.3679, 67.2325,
85.9157

 8.3086, 4.6192,
7.3314


 109.1689, 89.0977,
112.2740

 4.3465, 2.0256,
3.5887

 138.4083,
115.2535, 143.5374

 1.9000, 0.6223,
1.4025

172.4514,
146.0844, 180.1241

 0.5768, 0.0000,
0.1437

211.6637,

 0.0000, 0.0000,

181.9747, 222.4530

0.0000

256.4104,
223.3089, 270.9424

■ 32.9418, 23.5370,
32.0850

■ 32.9418, 23.5370,
32.0850

■ 30.4958, 19.8095,
27.6794

■ 35.9013, 28.1952,
36.9580

■ 28.5281, 16.9450,
23.7218

■ 39.4025, 33.8390,
42.3135

■ 27.0018, 14.8720,
20.1932


■ 43.4738, 40.5229,
48.1677


■ 25.8734, 13.5056,
17.0717


■ 48.1410, 48.2963,
54.5354

■ 25.0829, 12.7286,
14.3297


■ 53.4281, 57.2057,
61.4305

 24.8908, 12.5562,
13.6131

 59.3580, 67.2946,
68.8665

 65.9523, 78.6044,
76.8563

 71.9401, 88.5919,
84.9818

 73.2524, 89.1168,
91.8920

Harmonies

Analogous

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



30.0756, 23.5370, 48.7984



32.9418, 23.5370, 32.0850



32.6915, 23.5370, 18.3892

Triad

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



32.9418, 23.5370, 32.0850



19.6756, 23.5370, 7.4698



16.5389, 23.5370, 51.1665

Complementary

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



32.9418, 23.5370, 32.0850



30.3762, 44.0209, 34.5018

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.



14.4896, 23.5370, 34.5532



32.9418, 23.5370, 32.0850



16.1096, 23.5370, 11.2741

Square

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



32.9418, 23.5370, 32.0850



24.5249, 23.5370, 7.2283



14.3449, 23.5370, 20.1008



20.3475, 23.5370, 62.2440

Rectangle

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



32.9418, 23.5370, 32.0850



30.7887, 23.5370, 12.4601



14.3449, 23.5370, 20.1008



15.6474, 23.5370, 45.8158

Sweetspot

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



32.9425, 23.5381, 32.0855



80.2229, 76.4902, 89.5473



26.5439, 19.7469, 54.0424



17.1818, 16.1100, 19.0747



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.



32.9425, 23.5381, 32.0855



54.3418, 35.0669, 49.0468



29.9618, 22.3459, 16.3894



10.2877, 10.1637, 11.6057



16.2204, 8.1779, 9.0728



0.7355, 0.3672, 0.5746

Inverse Universe

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



32.9425, 23.5381, 32.0855



54.3418, 35.0669, 49.0468



34.6164, 45.7170, 56.8304



10.2877, 10.1637, 11.6057



16.2204, 8.1779, 9.0728



0.7355, 0.3672, 0.5746

Previews

White Background



This preview shows how the XYZ color 32.9418, 23.5370, 32.0850 looks on a white background.

Color Contrast Check

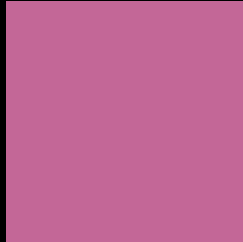
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9418, 23.5370, 32.0850 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 × Fail

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

XYZ 32.9418, 23.5370, 32.0850

Background



This preview shows how black text looks on a background with the XYZ color 32.9418, 23.5370, 32.0850.



This preview shows how white text looks on a background with the XYZ color 32.9418, 23.5370,

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

32.9418, 23.5370, 32.0850

Protanopia

23.9141, 23.7279, 41.8476

Deuteranopia

24.1554, 23.7033, 30.4962



Tritanopia

30.5842, 23.6663, 20.0956

Trichromacy



Original Color

32.9418, 23.5370, 32.0850

Protanomaly

26.1159, 22.8391, 38.1539

Deuteranomaly

26.7597, 23.1481, 31.0746

Tritanomaly

31.2793, 23.4646, 23.9996

Monochromacy



Original Color

32.9418, 23.5370, 32.0850

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.9200, 23.5065, 28.3704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9418, 23.5370, 32.0850 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(195, 103, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 103, 151)  
}
```

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(195, 103, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 103, 151) }
```

Border

The CSS property to change the border of an element to XYZ 32.9418, 23.5370, 32.0850 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(195, 103, 151) }
```


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

```
.border{ border-color:rgb(195, 103, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 103, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 103, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 103, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 103,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9418, 23.5370, 32.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 103, 151) }
```

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

```
.background{ background-color: rgb(195,  
103, 151) }
```

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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