

Converting Colors

XYZ(37.0835, 23.9360, 36.2936)

Have a look what the booklet for
XYZ(37.0835, 23.9360, 36.2936)
contains.

XYZ(37.0381, 23.9043, 36.3801)	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(37.0381, 23.9043,
36.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	D35BA1
RGB	211, 91, 161
RGB Percent	83%, 36%, 63%
CMY	0.1725, 0.6431, 0.3686
CMYK	0.00, 0.57, 0.24, 0.17
HSL	325°, 58%, 59%
HSV	325°, 57%, 83%
XYZ	37.0381, 23.9043, 36.3801
YIQ	134.8600, 49.0500, 47.2100

Conversions

Conversions Part 2

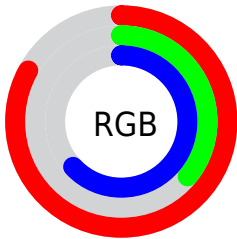
Format	Color
R_{YB}	211, 91, 161
Decimal	13851553
CIE _{Lab}	55.99, 54.90, -14.66
CIE _{LCh}	56, 56.821, 345.051
Yxy	23.9043, 0.3806, 0.2456
Android (android.graphics.Color)	4292041633 (0xFFD35BA1)
YUV	134.8600, 12.8870, 66.7748
Hunter-Lab	48.8920, 49.6614, -9.8927

Details

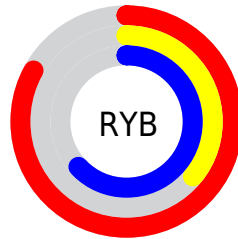
The XYZ color **37.0381, 23.9043, 36.3801** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **32.4176, 50.7365, 33.2864**, and the grayscale version is **22.9192, 24.1128, 26.2589**.

A 20% lighter version of the original color is **63.9136, 46.7756, 70.6257**, and **16.4410, 8.9641, 15.3317** is the 20% darker color. If you saturate the color by 10%, you get **34.7330, 20.4914, 31.9200**, and if you desaturate by 10%, it is **39.9061, 28.3553, 41.2973**.

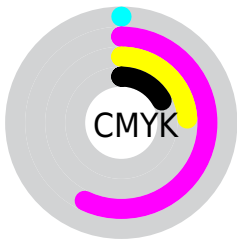
Distribution



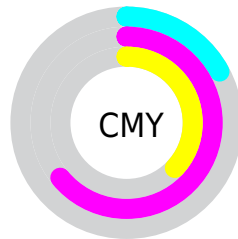
- Red (83%)
- Green (36%)
- Blue (63%)



- Red (83%)
- Yellow (36%)
- Blue (63%)



- Cyan (0%)
- Magenta (57%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (64%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0381, 23.9043, 36.3801 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 37.0381, 23.9043, 36.3801 by changing the saturation by 10% instead.


 37.0381, 23.9043,
36.3801


 37.0381, 23.9043,
36.3801


324.8281,
272.3363, 345.7064

 25.4108, 15.2626,
24.4359


 69.9448, 49.8740,
70.7940


 16.5137, 9.0039,
15.4421


 91.9550, 67.9708,
94.1007

 9.9816, 4.7437,
8.9802


 118.1568, 89.9881,
122.0320

 5.4489, 2.0977,
4.6316

 148.9156,
116.3104, 155.0065

 2.5504, 0.6633,
1.9779

184.5968,
147.3219, 193.4426

 0.9208, 0.0000,
0.5416

225.5657,

 0.0000, 0.0000,

183.4072, 237.7589

0.0000

272.1877,
224.9505, 288.3740

■ 37.0381, 23.9043,
36.3801

■ 37.0381, 23.9043,
36.3801

■ 34.7330, 20.4914,
31.9200

■ 39.9061, 28.3553,
41.2973

■ 32.9439, 18.0252,
27.8952

■ 43.3747, 33.9186,
46.6888

■ 31.6192, 16.4043,
24.2830

■ 47.4805, 40.6656,
52.5723

■ 30.6909, 15.4944,
21.0551

■ 52.2564, 48.6607,
58.9637

■ 30.4442, 15.2810,
20.1099

■ 57.7333, 57.9638,
65.8783

■ 63.9398, 68.6306,
73.3303

■ 70.9029, 80.7137,
81.3334

■ 77.0956, 91.1576,
89.3833

■ 78.3715, 91.6679,
96.1021

Harmonies

Analogous

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



32.7478, 23.9043, 60.3280



37.0381, 23.9043, 36.3801



37.0301, 23.9043, 17.8052

Triad

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



37.0381, 23.9043, 36.3801



19.6309, 23.9043, 4.5203



14.9942, 23.9043, 60.4069

Complementary

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



37.0381, 23.9043, 36.3801



32.4176, 50.7365, 33.2864

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.



12.6731, 23.9043, 36.4570



37.0381, 23.9043, 36.3801



14.9823, 23.9043, 8.0615

Square

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



37.0381, 23.9043, 36.3801



26.0944, 23.9043, 4.5152



12.6692, 23.9043, 17.8530



19.6504, 23.9043, 78.0889

Rectangle

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



37.0381, 23.9043, 36.3801



34.5460, 23.9043, 10.4233



12.6692, 23.9043, 17.8530



13.9579, 23.9043, 52.4261

Sweetspot

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



37.0388, 23.9055, 36.3806



79.9729, 74.2829, 90.1952



26.4848, 17.8496, 63.6777



16.7819, 15.3347, 18.8663



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.



37.0388, 23.9055, 36.3806



52.7481, 30.6428, 47.7960



32.9550, 22.2720, 14.8755



12.0938, 11.9222, 13.7696



18.4251, 9.2429, 12.4107



1.0693, 0.5324, 0.8997

Inverse Universe

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



37.0388, 23.9055, 36.3806



52.7481, 30.6428, 47.7960



38.1521, 53.0303, 63.4840



12.0938, 11.9222, 13.7696



18.4251, 9.2429, 12.4107



1.0693, 0.5324, 0.8997

Previews

White Background



This preview shows how the XYZ color 37.0381, 23.9043, 36.3801 looks on a white background.

Color Contrast Check

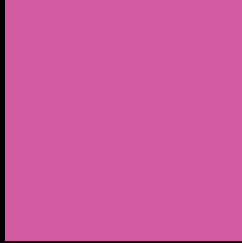
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0381, 23.9043, 36.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

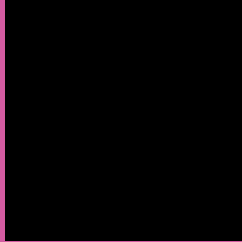
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0381, 23.9043, 36.3801

Background



This preview shows how black text looks on a background with the XYZ color 37.0381, 23.9043, 36.3801.



This preview shows how white text looks on a background with the XYZ color 37.0381, 23.9043,

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

37.0381, 23.9043, 36.3801

Protanopia

25.1276, 24.3186, 52.6598

Deuteranopia

24.5139, 24.0024, 34.3513



Tritanopia

33.0194, 23.7503, 17.5958

Trichromacy



Original Color

37.0381, 23.9043, 36.3801



Protanomaly

27.4792, 22.8315, 46.1386



Deuteranomaly

27.8482, 22.9244, 34.8554



Tritanomaly

34.3426, 23.7302, 23.5392

Monochromacy



Original Color

37.0381, 23.9043, 36.3801



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

26.7351, 22.9938, 29.4147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0381, 23.9043, 36.3801 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(211, 91, 161)` looks like.

```
.text, #text, p{  
    color:rgb(211, 91, 161)  
}
```

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(211, 91, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 91, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.0381, 23.9043, 36.3801 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(211, 91, 161) }
```


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

```
.border{ border-color:rgb(211, 91, 161) }
```

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

Here you see how a box with a 4 pixel rgb(211, 91, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 91, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 91, 161);  
box-shadow:4px 4px 4px 4px rgb(211, 91,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0381, 23.9043, 36.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 91, 161) }
```

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

```
.background{ background-color: rgb(211, 91,  
161) }
```

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