

Converting Colors

XYZ(37.6677, 30.2874, 39.4581)

Have a look what the booklet for
XYZ(37.6677, 30.2874, 39.4581)
contains.

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Color

**XYZ(37.6677, 30.2874,
39.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	C581A5
RGB	197, 129, 165
RGB Percent	77%, 51%, 65%
CMY	0.2274, 0.4941, 0.3529
CMYK	0.00, 0.35, 0.16, 0.23
HSL	328°, 37%, 64%
HSV	328°, 35%, 77%
XYZ	37.6677, 30.2874, 39.4581
YIQ	153.4360, 28.9720, 25.6120

Conversions

Conversions Part 2

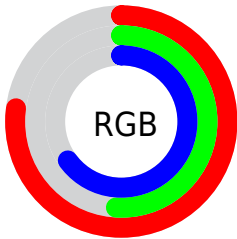
Format	Color
RYB	197, 129, 165
Decimal	12943781
CIELab	61.90, 31.48, -8.28
CIELCh	62, 32.553, 345.270
Yxy	30.2874, 0.3507, 0.2820
Android (android.graphics.Color)	4291133861 (0xFFC581A5)
YUV	153.4360, 5.7011, 38.2056
Hunter-Lab	55.0340, 25.8638, -3.9858

Details

The XYZ color **37.6677, 30.2874, 39.4581** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.4538, 47.1736, 40.9570**, and the grayscale version is **30.4361, 32.0211, 34.8710**.

A 20% lighter version of the original color is **71.0918, 60.2943, 75.6012**, and **16.8604, 12.3918, 17.1260** is the 20% darker color. If you saturate the color by 10%, you get **34.5052, 25.2640, 34.3905**, and if you desaturate by 10%, it is **41.3934, 36.3386, 45.0159**.

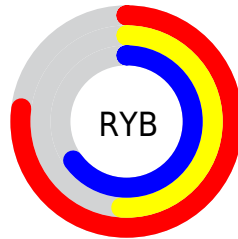
Distribution



Red (77%)

Green (51%)

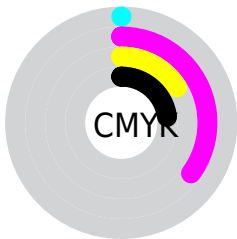
Blue (65%)



Red (77%)

Yellow (51%)

Blue (65%)

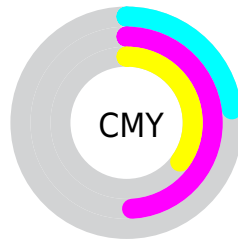


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6677, 30.2874, 39.4581 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 37.6677, 30.2874, 39.4581 by changing the saturation by 10% instead.


 37.6677, 30.2874,
39.4581


 37.6677, 30.2874,
39.4581


327.4979,
303.2418, 359.3182


 25.9009, 20.0568,
26.8057


 70.9057, 60.1164,
75.5657

 16.8818, 12.4364,
17.1962


 93.1077, 80.4836,
99.8579

 10.2451, 7.0416,
10.2111


 119.5187,
104.9985, 128.8672

 5.6252, 3.4881,
5.4317

150.5042,
134.0454, 163.0121

 2.6571, 1.3916,
2.4396

186.4295,
168.0088, 202.7111

 0.9751, 0.2105,
0.8079

227.6600,

 0.0000, 0.0000,

207.2731, 248.3827

0.0000

274.5610,
252.2226, 300.4456

■ 37.6677, 30.2874,
39.4581

■ 37.6677, 30.2874,
39.4581

■ 34.5052, 25.2640,
34.3905

■ 41.3934, 36.3386,
45.0159

■ 31.8731, 21.2058,
29.7948

■ 45.7075, 43.4669,
51.0776

■ 29.7391, 18.0503,
25.6542


■ 50.6366, 51.7236,
57.6583


■ 28.0662, 15.7254,
21.9494


■ 56.2052, 61.1554,
64.7719


■ 26.8118, 14.1481,
18.6591


■ 62.4361, 71.8063,
72.4317


 25.9241, 13.2175,
15.7588

 69.3511, 83.7180,
80.6506

 25.5395, 12.8758,
14.3132

 73.0547, 89.0978,
88.1354

 74.3911, 89.6324,
95.1727

 75.7978, 90.1951,
102.5802

Harmonies

Analogous

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



35.1546, 30.2874, 52.8952



37.6677, 30.2874, 39.4581



37.6433, 30.2874, 27.0571

Triad

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



37.6677, 30.2874, 39.4581



26.6380, 30.2874, 14.8329



23.2878, 30.2874, 53.1146

Complementary

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



37.6677, 30.2874, 39.4581



35.4538, 47.1736, 40.9570

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.



21.4421, 30.2874, 39.7048



37.6677, 30.2874, 39.4581



23.2393, 30.2874, 18.8173

Square

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



37.6677, 30.2874, 39.4581



30.9690, 30.2874, 14.7985



21.4253, 30.2874, 27.2490



26.7105, 30.2874, 62.0291

Rectangle

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



37.6677, 30.2874, 39.4581



36.1783, 30.2874, 20.9792



21.4253, 30.2874, 27.2490



22.4783, 30.2874, 48.8520

Sweetspot

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



37.6686, 30.2888, 39.4587



85.5754, 84.0468, 96.5059



32.5738, 27.2827, 56.3729



18.0517, 17.5464, 20.3002



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.



37.6686, 30.2888, 39.4587



63.3343, 47.6630, 64.1254



34.9921, 29.2182, 25.3647



10.8645, 10.7292, 12.2700



16.8410, 8.4860, 9.6384



0.8338, 0.4164, 0.6480

Inverse Universe

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



37.6686, 30.2888, 39.4587



63.3343, 47.6630, 64.1254



38.8406, 48.5283, 58.7920



10.8645, 10.7292, 12.2700



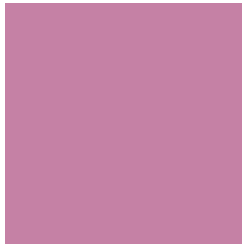
16.8410, 8.4860, 9.6384



0.8338, 0.4164, 0.6480

Previews

White Background



This preview shows how the XYZ color 37.6677, 30.2874, 39.4581 looks on a white background.

Color Contrast Check

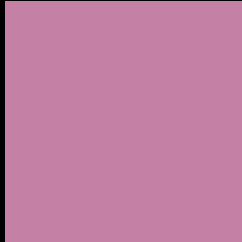
Large Text (above 18pt) WCAG AA × Fail

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 37.6677, 30.2874, 39.4581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

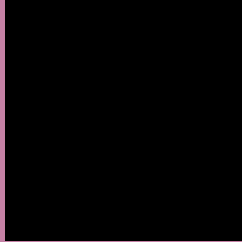
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6677, 30.2874, 39.4581

Background



This preview shows how black text looks on a background with the XYZ color 37.6677, 30.2874, 39.4581.



This preview shows how white text looks on a background with the XYZ color 37.6677, 30.2874,

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

37.6677, 30.2874, 39.4581

Protanopia

30.2849, 30.6385, 46.4371

Deuteranopia

31.0985, 30.5373, 38.4376



Tritanopia

35.8511, 30.3603, 29.9572

Trichromacy



Original Color

37.6677, 30.2874, 39.4581

Protanomaly

32.3201, 30.1497, 43.6512

Deuteranomaly

33.2225, 30.2847, 38.7449

Tritanomaly

36.6021, 30.4727, 33.2308

Monochromacy



Original Color

37.6677, 30.2874, 39.4581

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.4212, 30.8159, 36.1376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6677, 30.2874, 39.4581 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(197, 129, 165)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 165)  
}
```

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(197, 129, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.6677, 30.2874, 39.4581 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(197, 129, 165) }
```


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

```
.border{ border-color:rgb(197, 129, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 165);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6677, 30.2874, 39.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 165) }
```

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

```
.background{ background-color: rgb(197,  
129, 165) }
```

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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