

Converting Colors

XYZ(39.2330, 30.3973, 50.8435)

Have a look what the booklet for
XYZ(39.2330, 30.3973, 50.8435)
contains.

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Color

**XYZ(39.3240, 30.5024,
50.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	C47FBB
RGB	196, 127, 187
RGB Percent	77%, 50%, 73%
CMY	0.2314, 0.5019, 0.2667
CMYK	0.00, 0.35, 0.05, 0.23
HSL	308°, 37%, 63%
HSV	308°, 35%, 77%
XYZ	39.3240, 30.5024, 50.8287
YIQ	154.4710, 21.8640, 33.2880

Conversions

Conversions Part 2

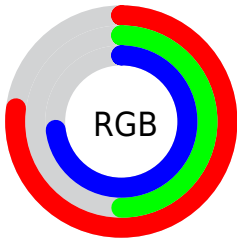
Format	Color
R_{YB}	196, 127, 187
Decimal	12877755
CIE _{Lab}	62.09, 36.00, -20.52
CIE _{LCh}	62, 41.434, 330.317
Yxy	30.5024, 0.3259, 0.2528
Android (android.graphics.Color)	4291067835 (0xFFC47FBB)
YUV	154.4710, 16.0368, 36.4209
Hunter-Lab	55.2290, 30.4444, -15.9059

Details

The XYZ color **39.3240, 30.5024, 50.8287** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.9376, 45.7705, 30.3930**, and the grayscale version is **30.8480, 32.4544, 35.3429**.

A 20% lighter version of the original color is **73.5746, 60.5896, 92.6112**, and **17.8720, 12.5528, 24.0352** is the 20% darker color. If you saturate the color by 10%, you get **36.7636, 25.8152, 48.6370**, and if you desaturate by 10%, it is **42.3836, 36.1790, 53.2115**.

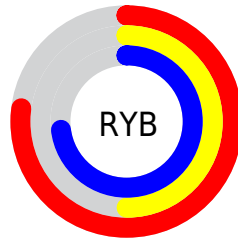
Distribution



Red (77%)

Green (50%)

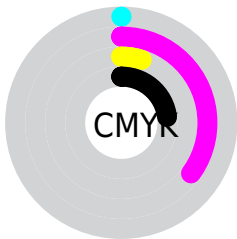
Blue (73%)



Red (77%)

Yellow (50%)

Blue (73%)

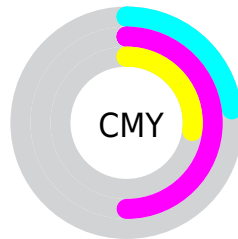


Cyan (0%)

Magenta (35%)

Yellow (5%)

Black (23%)



Cyan (23%)


Magenta (50%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3240, 30.5024, 50.8287 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 39.3240, 30.5024, 50.8287 by changing the saturation by 10% instead.


 39.3240, 30.5024,
50.8287


 39.3240, 30.5024,
50.8287

334.4495,
304.2393, 406.7254


 27.1937, 20.2202,
35.6965


 73.4239, 60.4558,
92.8104

 17.8561, 12.5552,
23.9121


 96.1243, 80.8958,
120.4970

 10.9458, 7.1230,
15.0568


 123.0787,
105.4906, 153.2056

 6.0974, 3.5391,
8.7122

154.6526,
134.6245, 191.3545

 2.9456, 1.4193,
4.4597

191.2113,
168.6819, 235.3624

 1.1251, 0.2309,
1.8808

233.1201,

 0.0459, 0.0000,

208.0472, 285.6478

0.4805

280.7444,
253.1049, 342.6293

■ 0.0000, 0.0000,
0.0000

■ 39.3240, 30.5024,
50.8287

■ 39.3240, 30.5024,
50.8287

■ 36.7636, 25.8152,
48.6370

■ 42.3836, 36.1790,
53.2115

■ 34.6708, 22.0560,
46.6248

■ 45.9659, 42.8938,
55.7923

■ 33.0149, 19.1630,
44.7821

■ 50.0963, 50.6969,
58.5801

■ 31.7604, 17.0649,
43.0967

■ 54.7978, 59.6343,
61.5828

■ 30.8659, 15.6793,
41.5550

■ 60.0921, 69.7493,
64.8075

■ 30.2811, 14.9056,
40.1399

■ 65.9996, 81.0827,
68.2613

■ 30.0620, 14.6546,
39.4898

■ 69.5324, 87.6588,
70.9483

■ 69.8435, 87.7832,
72.5862

■ 70.1596, 87.9096,
74.2509

Harmonies

Analogous

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



34.7392, 30.5024, 67.3381



39.3240, 30.5024, 50.8287



41.0706, 30.5024, 33.0426

Triad

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



39.3240, 30.5024, 50.8287



28.9324, 30.5024, 11.0171



20.6962, 30.5024, 51.2199

Complementary

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



39.3240, 30.5024, 50.8287



32.9376, 45.7705, 30.3930

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.



19.5487, 30.5024, 33.3819



39.3240, 30.5024, 50.8287



23.9158, 30.5024, 13.1510

Square

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



39.3240, 30.5024, 50.8287



34.6236, 30.5024, 13.0597



20.6490, 30.5024, 20.2237



24.0061, 30.5024, 67.6102

Rectangle

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



39.3240, 30.5024, 50.8287



40.2363, 30.5024, 23.6621



20.6490, 30.5024, 20.2237



20.0653, 30.5024, 45.0372

Sweetspot

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



39.3250, 30.5038, 50.8293



86.1618, 83.1574, 103.0586



27.5543, 24.3209, 55.4674



18.2266, 17.3924, 21.9118



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.



39.3250, 30.5038, 50.8293



67.6958, 48.7611, 89.0858



36.1425, 29.2308, 34.0709



10.4389, 10.2242, 12.4019



19.3386, 9.4252, 25.4927



0.8516, 0.4137, 1.1861

Inverse Universe

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



39.3250, 30.5038, 50.8293



67.6958, 48.7611, 89.0858



35.7067, 46.8781, 44.9751



10.4389, 10.2242, 12.4019



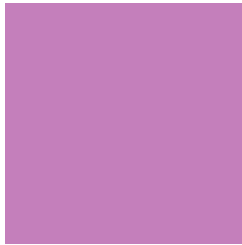
19.3386, 9.4252, 25.4927



0.8516, 0.4137, 1.1861

Previews

White Background



This preview shows how the XYZ color 39.3240, 30.5024, 50.8287 looks on a white background.

Color Contrast Check

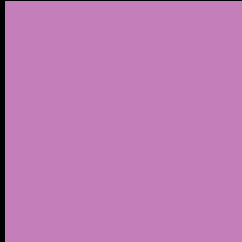
Large Text (above 18pt) WCAG AA × Fail

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 39.3240, 30.5024, 50.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

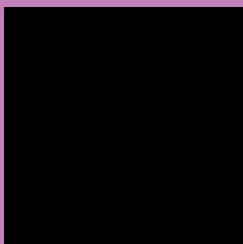
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3240, 30.5024, 50.8287

Background



This preview shows how black text looks on a background with the XYZ color 39.3240, 30.5024, 50.8287.



This preview shows how white text looks on a background with the XYZ color 39.3240, 30.5024,

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

39.3240, 30.5024, 50.8287

Protanopia

31.5186, 30.9576, 60.8141

Deuteranopia

31.3754, 30.6759, 49.0671



Tritanopia

35.3381, 30.4796, 31.2148

Trichromacy



Original Color

39.3240, 30.5024, 50.8287

Protanomaly

33.5075, 30.2491, 56.8959

Deuteranomaly

33.7557, 30.3238, 49.4214

Tritanomaly

36.6766, 30.4132, 37.6555

Monochromacy



Original Color

39.3240, 30.5024, 50.8287

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.2184, 31.1347, 40.3352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3240, 30.5024, 50.8287 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(196, 127, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 127, 187)  
}
```

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(196, 127, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 127, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.3240, 30.5024, 50.8287 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(196, 127, 187) }
```


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

```
.border{ border-color:rgb(196, 127, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 127, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 127, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 127, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 127,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3240, 30.5024, 50.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 127, 187) }
```

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

```
.background{ background-color: rgb(196,  
127, 187) }
```

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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