

Converting Colors

XYZ(37.4270, 29.0697, 32.5262)

Have a look what the booklet for
XYZ(37.4270, 29.0697, 32.5262)
contains.

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Color

**XYZ(37.3664, 28.9584,
32.4743)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7A96
RGB	204, 122, 150
RGB Percent	80%, 48%, 59%
CMY	0.2000, 0.5215, 0.4118
CMYK	0.00, 0.40, 0.26, 0.20
HSL	340°, 45%, 64%
HSV	340°, 40%, 80%
XYZ	37.3664, 28.9584, 32.4743
YIQ	149.7100, 39.8840, 26.0920

Conversions

Conversions Part 2

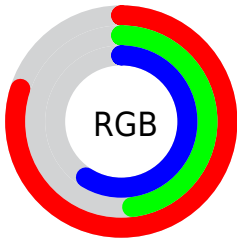
Format	Color
R_{YB}	204, 122, 150
Decimal	13400726
CIE _{Lab}	60.74, 35.49, -1.31
CIE _{LCh}	61, 35.511, 357.891
Yxy	28.9584, 0.3782, 0.2931
Android (android.graphics.Color)	4291590806 (0xFFCC7A96)
YUV	149.7100, 0.1430, 47.6123
Hunter-Lab	53.8130, 29.7731, 1.8896

Details

The XYZ color **37.3664, 28.9584, 32.4743** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.4567, 50.4587, 48.8420**, and the grayscale version is **28.8549, 30.3576, 33.0594**.

A 20% lighter version of the original color is **67.6644, 56.6703, 64.4989**, and **16.7181, 11.7032, 13.1822** is the 20% darker color. If you saturate the color by 10%, you get **34.0989, 24.0564, 26.3502**, and if you desaturate by 10%, it is **41.2853, 34.9642, 39.4282**.

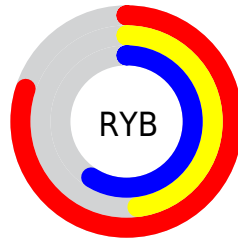
Distribution



Red (80%)

Green (48%)

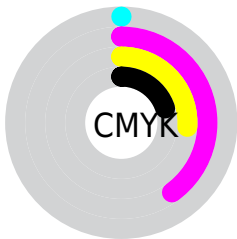
Blue (59%)



Red (80%)

Yellow (48%)

Blue (59%)

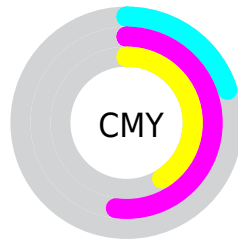


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3664, 28.9584, 32.4743 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 37.3664, 28.9584, 32.4743 by changing the saturation by 10% instead.


 37.3664, 28.9584,
32.4743


 37.3664, 28.9584,
32.4743


326.2222,
297.0186, 327.8333


 25.6663, 19.0494,
21.4562


 70.4461, 58.0110,
64.6604

 16.7055, 11.7059,
13.2634


 92.5565, 77.9233,
86.6656

 10.1188, 6.5438,
7.4773


 118.8676,
101.9389, 113.1701

 5.5406, 3.1785,
3.6794

149.7448,
130.4420, 144.5926

 2.6058, 1.2256,
1.4512

185.5535,
163.8172, 181.3517

 0.9489, 0.0825,
0.1812

226.6591,

 0.0000, 0.0000,

202.4487, 223.8658

0.0000

273.4268,
246.7211, 272.5535

■ 37.3664, 28.9584,
32.4743

■ 37.3664, 28.9584,
32.4743

■ 34.0989, 24.0564,
26.3502

■ 41.2853, 34.9642,
39.4282

■ 31.4430, 20.1862,
21.0211

■ 45.8875, 42.1319,
47.2411

■ 29.3583, 17.2733,
16.4521


■ 51.2055, 50.5202,
55.9429


■ 27.7979, 15.2318,
12.6045


■ 57.2691, 60.1829,
65.5616


■ 26.7068, 13.9598,
9.4355

■ 64.1062, 71.1705,
76.1236

 25.9965, 13.2752,
6.9292

 71.7435, 83.5305,
87.6545

 76.9979, 90.8918,
99.1092

 78.7120, 91.5774,
108.1354

Harmonies

Analogous

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



35.7357, 28.9584, 47.0407



37.3664, 28.9584, 32.4743



36.1253, 28.9584, 21.0839

Triad

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



37.3664, 28.9584, 32.4743



23.5823, 28.9584, 13.9949



23.0763, 28.9584, 58.2922

Complementary

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



37.3664, 28.9584, 32.4743



37.4567, 50.4587, 48.8420

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.



20.4095, 28.9584, 44.9593



37.3664, 28.9584, 32.4743



20.6779, 28.9584, 19.8706

Square

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



37.3664, 28.9584, 32.4743



27.8516, 28.9584, 12.3574



19.5823, 28.9584, 30.6057



27.1992, 28.9584, 64.3115

Rectangle

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



37.3664, 28.9584, 32.4743



33.9060, 28.9584, 16.1984



19.5823, 28.9584, 30.6057



21.9979, 28.9584, 54.3624

Sweetspot

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



37.3672, 28.9598, 32.4749



82.9767, 80.7759, 89.7000



35.6064, 27.4289, 60.5447



17.5028, 16.8820, 18.7813



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.



37.3672, 28.9598, 32.4749



57.2511, 40.9970, 45.1404



36.9824, 31.3772, 22.5212



11.3678, 11.2758, 12.4713



16.4019, 8.3714, 4.5691



0.8816, 0.4461, 0.4224

Inverse Universe

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



37.3672, 28.9598, 32.4749



57.2511, 40.9970, 45.1404



37.7100, 46.0658, 64.0311



11.3678, 11.2758, 12.4713



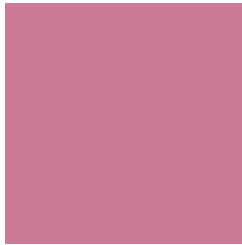
16.4019, 8.3714, 4.5691



0.8816, 0.4461, 0.4224

Previews

White Background



This preview shows how the XYZ color 37.3664, 28.9584, 32.4743 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 37.3664, 28.9584, 32.4743 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 37.3664, 28.9584, 32.4743

Background



This preview shows how black text looks on a background with the XYZ color 37.3664, 28.9584, 32.4743.



This preview shows how white text looks on a background with the XYZ color 37.3664, 28.9584,

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

37.3664, 28.9584, 32.4743

Protanopia

28.5720, 29.2037, 39.7283

Deuteranopia

29.5593, 28.9984, 31.2334



Tritanopia

35.9938, 28.9450, 26.2441

Trichromacy



Original Color

37.3664, 28.9584, 32.4743

Protanomaly

31.0167, 28.5364, 37.1310

Deuteranomaly

32.0619, 28.7816, 31.4693

Tritanomaly

36.5699, 29.0053, 28.4821

Monochromacy



Original Color

37.3664, 28.9584, 32.4743

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.4607, 29.5042, 32.8909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3664, 28.9584, 32.4743 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(204, 122, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 150)  
}
```

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(204, 122, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 150) }
```

Border

The CSS property to change the border of an element to XYZ 37.3664, 28.9584, 32.4743 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(204, 122, 150) }
```


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

```
.border{ border-color:rgb(204, 122, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3664, 28.9584, 32.4743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 150) }
```

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

```
.background{ background-color: rgb(204,  
122, 150) }
```

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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