

Converting Colors

XYZ(37.4106, 29.3653, 28.8255)

Have a look what the booklet for
XYZ(37.4106, 29.3653, 28.8255)
contains.

XYZ(37.4690, 29.4602, 28.9109)	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(37.4690, 29.4602,
28.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7C8D
RGB	206, 124, 141
RGB Percent	81%, 49%, 55%
CMY	0.1922, 0.5137, 0.4471
CMYK	0.00, 0.40, 0.32, 0.19
HSL	348°, 46%, 65%
HSV	348°, 40%, 81%
XYZ	37.4690, 29.4602, 28.9109
YIQ	150.4560, 43.4150, 22.6710

Conversions

Conversions Part 2

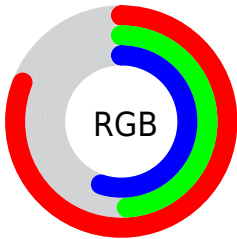
Format	Color
RYB	206, 124, 141
Decimal	13532301
CIELab	61.19, 33.92, 4.53
CIElCh	61, 34.223, 7.608
Yxy	29.4602, 0.3910, 0.3074
Android (android.graphics.Color)	4291722381 (0xFFCE7C8D)
YUV	150.4560, -4.6618, 48.7121
Hunter-Lab	54.2773, 28.2380, 6.4131

Details

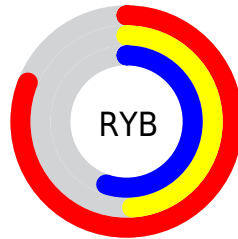
The XYZ color **37.4690, 29.4602, 28.9109** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.5702, 52.1026, 56.1180**, and the grayscale version is **29.1903, 30.7104, 33.4436**.

A 20% lighter version of the original color is **67.0107, 57.0409, 59.1079**, and **16.6653, 11.9100, 11.3180** is the 20% darker color. If you saturate the color by 10%, you get **34.0250, 24.3755, 22.2036**, and if you desaturate by 10%, it is **41.6330, 35.6979, 36.7428**.

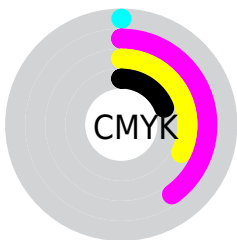
Distribution



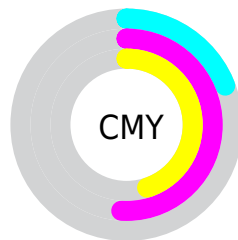
- Red (81%)
- Green (49%)
- Blue (55%)



- Red (81%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (19%)





- Cyan (19%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4690, 29.4602, 28.9109 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 37.4690, 29.4602, 28.9109 by changing the saturation by 10% instead.


 37.4690, 29.4602,
28.9109


 37.4690, 29.4602,
28.9109


326.6570,
299.3802, 310.8421


 25.7462, 19.4292,
18.7684


 70.6027, 58.8075,
58.9760

 16.7655, 11.9808,
11.3280


 92.7442, 78.8925,
79.7357

 10.1617, 6.7306,
6.1709


 119.0894,
103.0978, 104.8715

 5.5694, 3.2942,
2.8788

150.0036,
131.8076, 134.8021

 2.6232, 1.2872,
1.0331

185.8520,
165.4063, 169.9459

 0.9578, 0.1313,
0.0000

227.0002,

 0.0000, 0.0000,

204.2784, 210.7215

0.0000

273.8134,
248.8082, 257.5473

■ 37.4690, 29.4602,
28.9109

■ 37.4690, 29.4602,
28.9109

■ 34.0250, 24.3755,
22.2036

■ 41.6330, 35.6979,
36.7428

■ 31.2570, 20.3686,
16.5667

■ 46.5529, 43.1491,
45.7465

■ 29.1197, 17.3624,
11.9441


■ 52.2650, 51.8751,
55.9685


■ 27.5611, 15.2673,
8.2736


■ 58.8024, 61.9319,
67.4524

■ 26.5205, 13.9778,
5.4857

■ 66.1966, 73.3720,
80.2394

 25.8945, 13.3052,
3.4908

 74.4773, 86.2453,
94.3689

 25.8842, 13.2941,
3.4584

 79.2637, 91.8619,
108.1612

Harmonies

Analogous

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



36.7746, 29.4602, 42.4580



37.4690, 29.4602, 28.9109



35.4195, 29.4602, 19.2210

Triad

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



37.4690, 29.4602, 28.9109



23.0518, 29.4602, 16.1951



24.8366, 29.4602, 60.8304

Complementary

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



37.4690, 29.4602, 28.9109



39.5702, 52.1026, 56.1180

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.



21.6983, 29.4602, 49.6736



37.4690, 29.4602, 28.9109



20.7473, 29.4602, 23.5433

Square

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



37.4690, 29.4602, 28.9109



26.8725, 29.4602, 13.2690



20.2797, 29.4602, 35.4665



29.1608, 29.4602, 63.3905

Rectangle

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



37.4690, 29.4602, 28.9109



32.8899, 29.4602, 15.3897



20.2797, 29.4602, 35.4665



23.6224, 29.4602, 57.8402

Sweetspot

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



37.4698, 29.4616, 28.9115



82.3908, 80.5416, 86.6145



39.1459, 29.5941, 62.0417



17.3657, 16.8271, 18.0590



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.



37.4698, 29.4616, 28.9115



55.7419, 40.3933, 37.1932



39.5628, 35.5185, 23.8412



11.3059, 11.2511, 12.1453



15.9674, 8.1976, 2.2811



0.8520, 0.4342, 0.2666

Inverse Universe

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



37.4698, 29.4616, 28.9115



55.7419, 40.3933, 37.1932



36.3393, 42.5132, 64.6833



11.3059, 11.2511, 12.1453



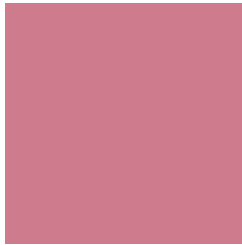
15.9674, 8.1976, 2.2811



0.8520, 0.4342, 0.2666

Previews

White Background



This preview shows how the XYZ color 37.4690, 29.4602, 28.9109 looks on a white background.

Color Contrast Check

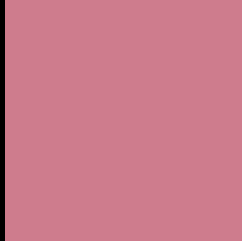
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4690, 29.4602, 28.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

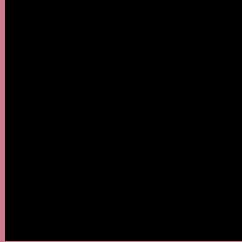
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.4690, 29.4602, 28.9109

Background



This preview shows how black text looks on a background with the XYZ color 37.4690, 29.4602, 28.9109.



This preview shows how white text looks on a background with the XYZ color 37.4690, 29.4602,

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

37.4690, 29.4602, 28.9109

Protanopia

28.6609, 29.5901, 34.7727

Deuteranopia

30.1358, 29.5869, 28.1673



Tritanopia

36.8135, 29.3676, 26.2825

Trichromacy



Original Color

37.4690, 29.4602, 28.9109

Protanomaly

31.2350, 29.1812, 32.4200

Deuteranomaly

32.5204, 29.2962, 28.3668

Tritanomaly

37.0258, 29.4525, 27.4003

Monochromacy



Original Color

37.4690, 29.4602, 28.9109

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.3689, 29.7024, 31.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4690, 29.4602, 28.9109 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(206, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(206, 124, 141)  
}
```

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(206, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 124, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.4690, 29.4602, 28.9109 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(206, 124, 141) }
```


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

```
.border{ border-color:rgb(206, 124, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(206, 124,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4690, 29.4602, 28.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 124, 141) }
```

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

```
.background{ background-color: rgb(206,  
124, 141) }
```

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