

Converting Colors

XYZ(37.6244, 30.4898, 36.2680)

Have a look what the booklet for
XYZ(37.6244, 30.4898, 36.2680)
contains.

XYZ(37.7074, 30.5760, 36.2621) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(37.7074, 30.5760,
36.2621)**

Conversions

Conversions Part 1	
Format	Color
Hex	C7829E
RGB	199, 130, 158
RGB Percent	78%, 51%, 62%
CMY	0.2196, 0.4902, 0.3804
CMYK	0.00, 0.35, 0.21, 0.22
HSL	336°, 38%, 65%
HSV	336°, 35%, 78%
XYZ	37.7074, 30.5760, 36.2621
YIQ	153.8230, 32.1360, 23.3360

Conversions

Conversions Part 2

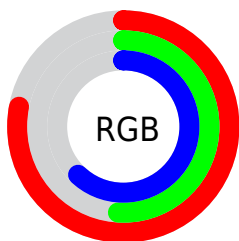
Format	Color
RYB	199, 130, 158
Decimal	13075102
CIELab	62.15, 30.55, -3.89
CIELCh	62, 30.797, 352.738
Yxy	30.5760, 0.3607, 0.2925
Android (android.graphics.Color)	4291265182 (0xFFC7829E)
YUV	153.8230, 2.0593, 39.6202
Hunter-Lab	55.2956, 24.9563, -0.1747

Details

The XYZ color **37.7074, 30.5760, 36.2621** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.9814, 48.5338, 45.9493**, and the grayscale version is **30.6197, 32.2143, 35.0814**.

A 20% lighter version of the original color is **70.3907, 60.3451, 70.8886**, and **16.9514, 12.5828, 15.4452** is the 20% darker color. If you saturate the color by 10%, you get **34.3426, 25.3975, 30.3579**, and if you desaturate by 10%, it is **41.6838, 36.8203, 42.8541**.

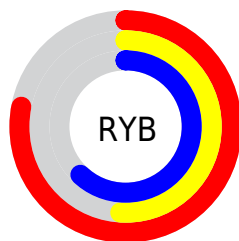
Distribution



Red (78%)

Green (51%)

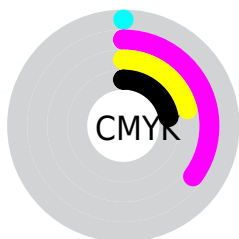
Blue (62%)



Red (78%)

Yellow (51%)

Blue (62%)

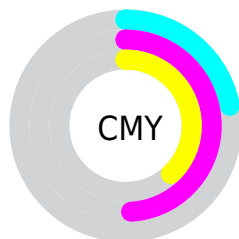


Cyan (0%)

Magenta (35%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7074, 30.5760, 36.2621 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 37.7074, 30.5760, 36.2621 by changing the saturation by 10% instead.


 37.7074, 30.5760,
36.2621


 37.7074, 30.5760,
36.2621


327.6657,
304.5802, 345.1767

 25.9319, 20.2762,
24.3454


 70.9662, 60.5719,
70.6100

 16.9051, 12.5960,
15.3755


 93.1802, 81.0368,
93.8783

 10.2617, 7.1509,
8.9338


 119.6044,
105.6588, 121.7675

 5.6364, 3.5567,
4.6018

150.6042,
134.8224, 154.6962

 2.6638, 1.4288,
1.9610

186.5448,
168.9120, 193.0830

 0.9786, 0.2378,
0.5311


227.7917,


 0.0000, 0.0000,


208.3118, 237.3463


0.0000


274.7102,
253.4064, 287.9046


 37.7074, 30.5760,
36.2621


 37.7074, 30.5760,
36.2621


 34.3426, 25.3975,
30.3579

 41.6838, 36.8203,
42.8541


 31.5544, 21.2201,
25.1153


 46.2991, 44.1816,
50.1551


 29.3081, 17.9789,
20.5089


 51.5820, 52.7131,
58.1874


 27.5641, 15.5993,
16.5105


 57.5586, 62.4631,
66.9720


 26.2766, 13.9949,
13.0892


 64.2537, 73.4773,
76.5287


 25.3908, 13.0615,
10.2101

 71.6908, 85.7989,
86.8767

 25.0291, 12.7325,
8.8734

 75.1574, 89.9998,
96.4561

 76.9799, 90.7288,
106.0530

 77.3634, 90.8822,
108.0723

Harmonies

Analogous

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



35.8782, 30.5760, 49.1149



37.7074, 30.5760, 36.2621



37.0504, 30.5760, 25.2252

Triad

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



37.7074, 30.5760, 36.2621



26.0883, 30.5760, 16.3643



24.4976, 30.5760, 54.9658

Complementary

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



37.7074, 30.5760, 36.2621



36.9814, 48.5338, 45.9493

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.



22.3125, 30.5760, 42.9179



37.7074, 30.5760, 36.2621



23.1681, 30.5760, 21.2948

Square

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



37.7074, 30.5760, 36.2621



30.0809, 30.5760, 15.3932



21.8500, 30.5760, 30.4888



28.0655, 30.5760, 61.4597

Rectangle

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



37.7074, 30.5760, 36.2621



35.3180, 30.5760, 20.0787



21.8500, 30.5760, 30.4888



23.5914, 30.5760, 51.3116

Sweetspot

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



37.7083, 30.5774, 36.2627



85.1033, 83.8579, 94.0197



34.9244, 28.6643, 57.7253



17.9377, 17.5008, 19.6996



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.



37.7083, 30.5774, 36.2627



61.2576, 46.1858, 55.1827



36.3526, 31.2933, 25.2451



10.8093, 10.7071, 11.9788



16.1351, 8.2036, 5.9214



0.7997, 0.4027, 0.4685

Inverse Universe

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



37.7083, 30.5774, 36.2627



61.2576, 46.1858, 55.1827



38.6411, 47.1208, 61.0918



10.8093, 10.7071, 11.9788



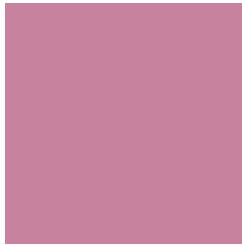
16.1351, 8.2036, 5.9214



0.7997, 0.4027, 0.4685

Previews

White Background



This preview shows how the XYZ color 37.7074, 30.5760, 36.2621 looks on a white background.

Color Contrast Check

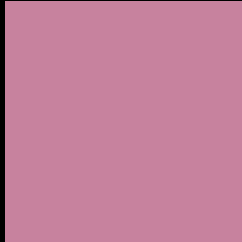
Large Text (above 18pt) WCAG AA × Fail

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 37.7074, 30.5760, 36.2621 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 37.7074, 30.5760, 36.2621

Background



This preview shows how black text looks on a background with the XYZ color 37.7074, 30.5760, 36.2621.



This preview shows how white text looks on a background with the XYZ color 37.7074, 30.5760,

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

37.7074, 30.5760, 36.2621

Protanopia

30.0358, 30.6002, 42.3536

Deuteranopia

31.2995, 30.7109, 35.2885



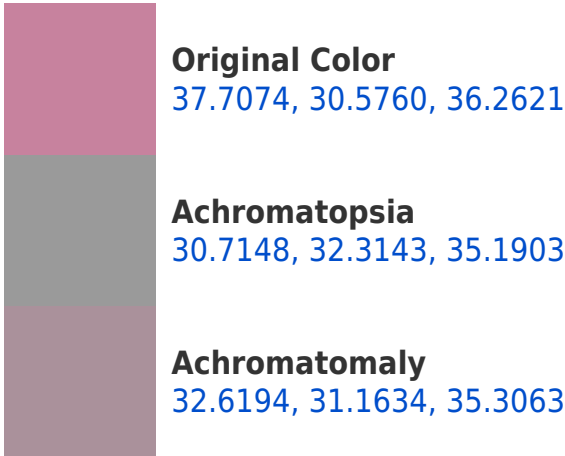
Tritanopia

36.3714, 30.6285, 29.9815

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7074, 30.5760, 36.2621 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(199, 130, 158) looks like.

```
.text, #text, p{  
    color:rgb(199, 130, 158)  
}
```

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(199, 130, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 130, 158) }
```

Border

The CSS property to change the border of an element to XYZ 37.7074, 30.5760, 36.2621 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(199, 130, 158) }
```


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

```
.border{ border-color:rgb(199, 130, 158) }
```

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

Here you see how a box with a 4 pixel rgb(199, 130, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 130, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 130, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 130,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7074, 30.5760, 36.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 130, 158) }
```

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

```
.background{ background-color: rgb(199,  
130, 158) }
```

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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