

Converting Colors

XYZ(37.1388, 28.9544, 31.0082)

Have a look what the booklet for
XYZ(37.1388, 28.9544, 31.0082)
contains.

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Color

**XYZ(37.0497, 28.8318,
30.8065)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7A92
RGB	204, 122, 146
RGB Percent	80%, 48%, 57%
CMY	0.2000, 0.5215, 0.4274
CMYK	0.00, 0.40, 0.28, 0.20
HSL	342°, 45%, 64%
HSV	342°, 40%, 80%
XYZ	37.0497, 28.8318, 30.8065
YIQ	149.2540, 41.1680, 24.8480

Conversions

Conversions Part 2

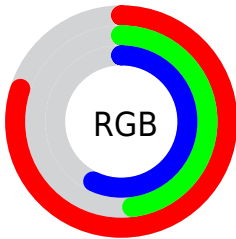
Format	Color
RYB	204, 122, 146
Decimal	13400722
CIELab	60.63, 34.93, 0.83
CIElCh	61, 34.942, 1.358
Yxy	28.8318, 0.3832, 0.2982
Android (android.graphics.Color)	4291590802 (0xFFCC7A92)
YUV	149.2540, -1.6042, 48.0122
Hunter-Lab	53.6953, 29.1982, 3.5703

Details

The XYZ color **37.0497, 28.8318, 30.8065** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.8585, 50.6193, 50.9578**, and the grayscale version is **28.6692, 30.1622, 32.8467**.

A 20% lighter version of the original color is **67.1907, 56.4808, 62.0041**, and **16.5773, 11.6469, 12.4407** is the 20% darker color. If you saturate the color by 10%, you get **33.7501, 23.9170, 24.5137**, and if you desaturate by 10%, it is **41.0183, 34.8575, 38.0220**.

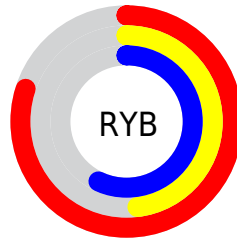
Distribution



Red (80%)

Green (48%)

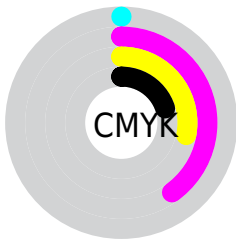
Blue (57%)



Red (80%)

Yellow (48%)

Blue (57%)

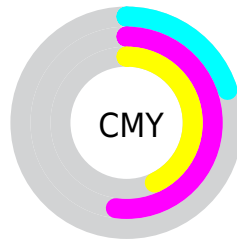


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (52%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0497, 28.8318, 30.8065 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 37.0497, 28.8318, 30.8065 by changing the saturation by 10% instead.


 37.0497, 28.8318,
30.8065


 37.0497, 28.8318,
30.8065


324.8774,
296.4205, 319.9694


 25.4198, 18.9536,
20.1943


 69.9626, 57.8097,
62.0113

 16.5205, 11.6368,
12.3509

 91.9762, 77.6783,
83.4410

 9.9864, 6.4969,
6.8577


 118.1819,
101.6457, 109.3136

 5.4521, 3.1495,
3.2962

148.9449,
130.0965, 140.0477

 2.5524, 1.2103,
1.2478

184.6306,
163.4150, 176.0618

 0.9217, 0.0701,
0.0184

225.6044,

 0.0000, 0.0000,

201.9855, 217.7744

0.0000

272.2315,
246.1926, 265.6041

■ 37.0497, 28.8318,
30.8065

■ 37.0497, 28.8318,
30.8065

■ 33.7501, 23.9170,
24.5137

■ 41.0183, 34.8575,
38.0220

■ 31.0788, 20.0405,
19.1032

■ 45.6888, 42.0525,
46.1948

■ 28.9940, 17.1276,
14.5338


■ 51.0948, 50.4761,
55.3598


■ 27.4475, 15.0917,
10.7599


■ 57.2668, 60.1822,
65.5496


■ 26.3832, 13.8303,
7.7312

■ 64.2338, 71.2217,
76.7951

 25.7096, 13.1605,
5.4186

 72.0230, 83.6425,
89.1262

 77.4522, 91.0735,
101.5017

 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



35.7666, 28.8318, 44.9088



37.0497, 28.8318, 30.8065



35.5211, 28.8318, 20.1340

Triad

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



37.0497, 28.8318, 30.8065



23.1228, 28.8318, 14.5661



23.4430, 28.8318, 58.7171

Complementary

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



37.0497, 28.8318, 30.8065



37.8585, 50.6193, 50.9578

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.



20.6281, 28.8318, 46.2191



37.0497, 28.8318, 30.8065



20.4581, 28.8318, 20.9038

Square

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



37.0497, 28.8318, 30.8065



27.1982, 28.8318, 12.4965



19.5967, 28.8318, 31.9868



27.6103, 28.8318, 63.4553

Rectangle

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



37.0497, 28.8318, 30.8065



33.2010, 28.8318, 15.6812



19.5967, 28.8318, 31.9868



22.3240, 28.8318, 55.1410

Sweetspot

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



37.0505, 28.8332, 30.8071



82.7620, 80.6901, 88.5696



36.5428, 27.9117, 60.5884



17.4525, 16.8619, 18.5164



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.



37.0505, 28.8332, 30.8071



56.6799, 40.7686, 42.1329



37.5617, 32.5359, 22.7145



11.3451, 11.2668, 12.3520



16.2175, 8.2976, 3.5982



0.8701, 0.4415, 0.3619

Inverse Universe

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



37.0505, 28.8332, 30.8071



56.6799, 40.7686, 42.1329



36.8241, 44.2940, 63.7356



11.3451, 11.2668, 12.3520



16.2175, 8.2976, 3.5982



0.8701, 0.4415, 0.3619

Previews

White Background



This preview shows how the XYZ color 37.0497, 28.8318, 30.8065 looks on a white background.

Color Contrast Check

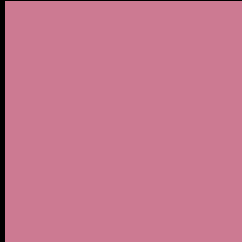
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0497, 28.8318, 30.8065 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 37.0497, 28.8318, 30.8065

Background



This preview shows how black text looks on a background with the XYZ color 37.0497, 28.8318, 30.8065.



This preview shows how white text looks on a background with the XYZ color 37.0497, 28.8318,

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

37.0497, 28.8318, 30.8065

Protanopia

28.3011, 29.1156, 37.3859

Deuteranopia

29.5312, 29.0106, 30.0297



Tritanopia

36.0699, 28.8053, 25.8492

Trichromacy



Original Color

37.0497, 28.8318, 30.8065

Protanomaly

30.5879, 28.3649, 34.8732

Deuteranomaly

31.8295, 28.6887, 30.2454

Tritanomaly

36.2990, 28.6974, 27.6707

Monochromacy



Original Color

37.0497, 28.8318, 30.8065

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.9401, 29.0384, 31.9912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0497, 28.8318, 30.8065 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 146) }
```

Border

The CSS property to change the border of an element to XYZ 37.0497, 28.8318, 30.8065 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, 146) }
```


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

```
.border{ border-color:rgb(204, 122, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 122, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 122, 146); box-shadow:4px 4px 4px 4px rgb(204, 122, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0497, 28.8318, 30.8065 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, 146) }
```

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

```
.background{ background-color: rgb(204,  
122, 146) }
```

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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