

Converting Colors

XYZ(38.0770, 29.0775, 32.3112)

Have a look what the booklet for
XYZ(38.0770, 29.0775, 32.3112)
contains.

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Color

**XYZ(38.0745, 29.1422,
32.4724)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7996
RGB	207, 121, 150
RGB Percent	81%, 47%, 59%
CMY	0.1882, 0.5255, 0.4118
CMYK	0.00, 0.42, 0.28, 0.19
HSL	340°, 47%, 64%
HSV	340°, 42%, 81%
XYZ	38.0745, 29.1422, 32.4724
YIQ	150.0200, 41.9470, 27.2510

Conversions

Conversions Part 2

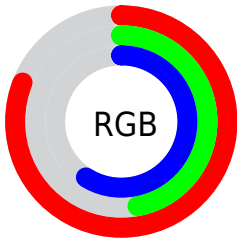
Format	Color
R _Y B	207, 121, 150
Decimal	13597078
CIE Lab	60.91, 37.09, -1.02
CIE LCh	61, 37.102, 358.417
Yxy	29.1422, 0.3819, 0.2923
Android (android.graphics.Color)	4291787158 (0xFFCF7996)
YUV	150.0200, -0.0099, 49.9715
Hunter-Lab	53.9835, 31.4247, 2.1241

Details

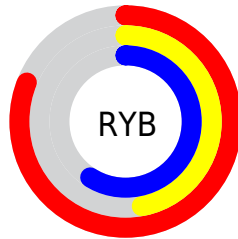
The XYZ color **38.0745, 29.1422, 32.4724** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.2352, 51.9056, 50.1258**, and the grayscale version is **28.9863, 30.4959, 33.2100**.

A 20% lighter version of the original color is **67.4691, 56.2796, 64.4338**, and **17.0200, 11.7652, 13.1782** is the 20% darker color. If you saturate the color by 10%, you get **34.7826, 24.2241, 26.2396**, and if you desaturate by 10%, it is **42.0371, 35.1943, 39.5677**.

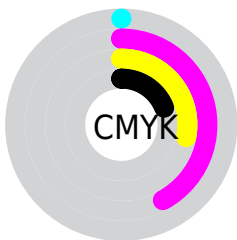
Distribution



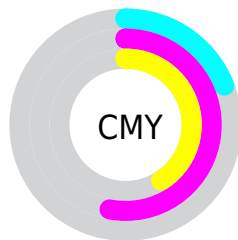
- Red (81%)
- Green (47%)
- Blue (59%)



- Red (81%)
- Yellow (47%)
- Blue (59%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (19%)





- Cyan (19%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0745, 29.1422, 32.4724 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 38.0745, 29.1422, 32.4724 by changing the saturation by 10% instead.


 38.0745, 29.1422,
32.4724


 38.0745, 29.1422,
32.4724


329.2148,
297.8853, 327.8244


 26.2180, 19.1884,
21.4548


 71.5255, 58.3029,
64.6574

 17.1203, 11.8065,
13.2624


 93.8507, 78.2787,
86.6619

 10.4162, 6.6121,
7.4766


 120.3961,
102.3639, 113.1657

 5.7401, 3.2207,
3.6790

151.5272,
130.9429, 144.5875

 2.7269, 1.2480,
1.4509

187.6092,
164.4002, 181.3457

 1.0110, 0.1004,
0.1810

229.0076,

 0.0000, 0.0000,

203.1201, 223.8589

0.0000

276.0877,
247.4870, 272.5456

■ 38.0745, 29.1422,
32.4724

■ 38.0745, 29.1422,
32.4724

■ 34.7826, 24.2241,
26.2396

■ 42.0371, 35.1943,
39.5677

■ 32.1197, 20.3642,
20.8325

■ 46.7040, 42.4413,
47.5567

■ 30.0429, 17.4843,
16.2140


■ 52.1093, 50.9448,
56.4708


■ 28.5028, 15.4932,
12.3430


■ 58.2842, 60.7610,
66.3397


■ 27.4407, 14.2822,
9.1735

■ 65.2580, 71.9427,
77.1913

 26.8312, 13.7050,
6.9916

 73.0585, 84.5395,
89.0526

 78.1335, 91.4420,
100.7566

 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



36.4010, 29.1422, 47.8249



38.0745, 29.1422, 32.4724



36.7101, 29.1422, 20.6683

Triad

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



38.0745, 29.1422, 32.4724



23.5044, 29.1422, 13.5968



23.1078, 29.1422, 60.2595

Complementary

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



38.0745, 29.1422, 32.4724



38.2352, 51.9056, 50.1258

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.



20.2978, 29.1422, 46.1691



38.0745, 29.1422, 32.4724



20.5074, 29.1422, 19.7254

Square

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



38.0745, 29.1422, 32.4724



27.9565, 29.1422, 11.8583



19.4033, 29.1422, 31.0008



27.4427, 29.1422, 66.4976

Rectangle

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



38.0745, 29.1422, 32.4724



34.3413, 29.1422, 15.6866



19.4033, 29.1422, 31.0008



21.9733, 29.1422, 56.1148

Sweetspot

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



38.0753, 29.1436, 32.4730



82.9579, 80.7684, 89.6009



36.2097, 27.5168, 62.4343



17.4984, 16.8802, 18.7580



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.



38.0753, 29.1436, 32.4730



56.1962, 39.4891, 42.9337



37.6957, 31.6700, 22.2172



11.9708, 11.8731, 13.1223



16.9446, 8.6507, 4.6144



0.9841, 0.4984, 0.4512

Inverse Universe

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



38.0753, 29.1436, 32.4730



56.1962, 39.4891, 42.9337



38.4627, 47.1989, 66.1146



11.9708, 11.8731, 13.1223



16.9446, 8.6507, 4.6144



0.9841, 0.4984, 0.4512

Previews

White Background



This preview shows how the XYZ color 38.0745, 29.1422, 32.4724 looks on a white background.

Color Contrast Check

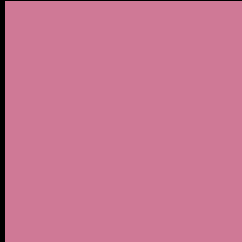
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0745, 29.1422, 32.4724 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 38.0745, 29.1422, 32.4724

Background



This preview shows how black text looks on a background with the XYZ color 38.0745, 29.1422, 32.4724.



This preview shows how white text looks on a background with the XYZ color 38.0745, 29.1422,

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

38.0745, 29.1422, 32.4724

Protanopia

28.7475, 29.2941, 39.7365

Deuteranopia

29.9111, 29.4016, 31.2927



Tritanopia

36.6181, 29.0879, 25.8748

Trichromacy



Original Color

38.0745, 29.1422, 32.4724

Protanomaly

31.4393, 28.7542, 37.1508

Deuteranomaly

32.2905, 28.8995, 31.4800

Tritanomaly

37.1968, 29.1518, 28.0925

Monochromacy



Original Color

38.0745, 29.1422, 32.4724

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.5322, 29.3252, 32.8526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0745, 29.1422, 32.4724 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(207, 121, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 121, 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(207, 121, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 121, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.0745, 29.1422, 32.4724 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(207, 121, 150) }
```


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

```
.border{ border-color:rgb(207, 121, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 121, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 121, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 121, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 121,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0745, 29.1422, 32.4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 121, 150) }
```

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

```
.background{ background-color: rgb(207,  
121, 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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