

Converting Colors

XYZ(38.8853, 28.2677, 28.7564)

Have a look what the booklet for
XYZ(38.8853, 28.2677, 28.7564)
contains.

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Color

**XYZ(38.7372, 28.1804,
28.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	D7718D
RGB	215, 113, 141
RGB Percent	84%, 44%, 55%
CMY	0.1569, 0.5568, 0.4471
CMYK	0.00, 0.47, 0.34, 0.16
HSL	344°, 56%, 64%
HSV	344°, 47%, 84%
XYZ	38.7372, 28.1804, 28.5970
YIQ	146.6900, 51.8040, 30.3320

Conversions

Conversions Part 2

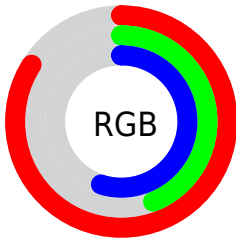
Format	Color
R _Y B	215, 113, 141
Decimal	14119309
CIE Lab	60.05, 42.90, 3.04
CIE LCh	60, 43.009, 4.056
Yxy	28.1804, 0.4056, 0.2950
Android (android.graphics.Color)	4292309389 (0xFFD7718D)
YUV	146.6900, -2.8052, 59.9079
Hunter-Lab	53.0852, 37.3554, 5.2201

Details

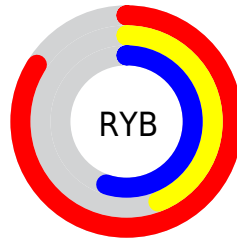
The XYZ color **38.7372, 28.1804, 28.5970** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.0815, 55.7002, 55.6554**, and the grayscale version is **27.6022, 29.0397, 31.6242**.

A 20% lighter version of the original color is **64.9090, 52.8376, 58.4073**, and **17.4617, 11.2609, 11.1508** is the 20% darker color. If you saturate the color by 10%, you get **35.5363, 23.5070, 22.2013**, and if you desaturate by 10%, it is **42.6713, 34.0582, 36.0442**.

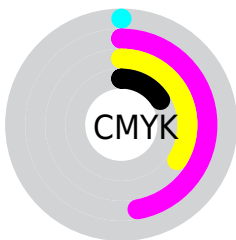
Distribution



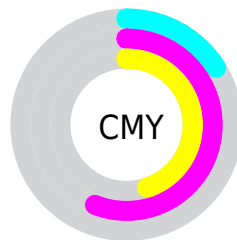
- Red (84%)
- Green (44%)
- Blue (55%)



- Red (84%)
- Yellow (44%)
- Blue (55%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (16%)




- Cyan (16%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7372, 28.1804, 28.5970 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 38.7372, 28.1804, 28.5970 by changing the saturation by 10% instead.


 38.7372, 28.1804,
28.5970


 38.7372, 28.1804,
28.5970

331.9983,
293.3279, 309.3099


 26.7352, 18.4617,
18.5332

 72.5333, 56.7723,
58.4707

 17.5100, 11.2820,
11.1601


 95.0581, 76.4143,
79.1177

 10.6963, 6.2568,
6.0591


 121.8212,
100.1329, 104.1295

 5.9288, 3.0019,
2.8117

153.1879,
128.3124, 133.9247

 2.8421, 1.1327,
0.9993

189.5236,
161.3373, 168.9218

 1.0708, 0.0057,
0.0000

231.1937,

 0.0005, 0.0000,

199.5919, 209.5394

0.0000

278.5635,
243.4607, 256.1959

■ 0.0000, 0.0000,
0.0000

■ 38.7372, 28.1804,
28.5970

■ 38.7372, 28.1804,
28.5970

■ 35.5363, 23.5070,
22.2013

■ 42.6713, 34.0582,
36.0442

■ 33.0187, 19.9497,
16.8061

■ 47.3793, 41.2123,
44.5873

■ 31.1317, 17.4145,
12.3583


■ 52.9019, 49.7138,
54.2699


■ 29.8134, 15.7900,
8.7985


■ 59.2760, 59.6275,
65.1328

■ 28.9815, 14.9256,
6.0570

■ 66.5361, 71.0138,
77.2145

 28.8141, 14.7630,
5.4702

 74.7151, 83.9297,
90.5520

 81.0699, 92.8813,
104.2559

 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



37.4273, 28.1804, 45.8790



38.7372, 28.1804, 28.5970



36.5029, 28.1804, 16.6908

Triad

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



38.7372, 28.1804, 28.5970



21.3038, 28.1804, 11.8509



22.4320, 28.1804, 66.6297

Complementary

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



38.7372, 28.1804, 28.5970



40.0815, 55.7002, 55.6554

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.



18.9652, 28.1804, 50.8883



38.7372, 28.1804, 28.5970



18.3789, 28.1804, 19.2793

Square

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



38.7372, 28.1804, 28.5970



26.0458, 28.1804, 9.3453



17.5847, 28.1804, 32.8694



27.5373, 28.1804, 71.7301

Rectangle

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



38.7372, 28.1804, 28.5970



33.4619, 28.1804, 12.1560



17.5847, 28.1804, 32.8694



21.0606, 28.1804, 62.1939

Sweetspot

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



38.7380, 28.1818, 28.5975



80.8065, 77.7424, 84.9479



38.4460, 27.1698, 67.5081



16.8751, 15.9874, 17.4599



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.



38.7380, 28.1818, 28.5975



52.2467, 34.5239, 32.5724



39.6840, 32.9967, 19.9020



12.5619, 12.4763, 13.6332



17.2729, 8.8455, 3.4751



1.0767, 0.5475, 0.3935

Inverse Universe

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



38.7380, 28.1818, 28.5975



52.2467, 34.5239, 32.5724



38.1248, 46.5138, 71.2588



12.5619, 12.4763, 13.6332



17.2729, 8.8455, 3.4751



1.0767, 0.5475, 0.3935

Previews

White Background



This preview shows how the XYZ color 38.7372, 28.1804, 28.5970 looks on a white background.

Color Contrast Check

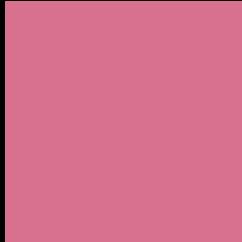
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7372, 28.1804, 28.5970 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 38.7372, 28.1804, 28.5970

Background



This preview shows how black text looks on a background with the XYZ color 38.7372, 28.1804, 28.5970.



This preview shows how white text looks on a background with the XYZ color 38.7372, 28.1804,

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

38.7372, 28.1804, 28.5970

Protanopia

27.7329, 28.3790, 36.8169

Deuteranopia

28.7223, 28.2151, 27.2248



Tritanopia

37.6150, 28.2422, 22.5375

Trichromacy



Original Color

38.7372, 28.1804, 28.5970

Protanomaly

30.6326, 27.5881, 33.4163

Deuteranomaly

31.6261, 27.6240, 27.7098

Tritanomaly

37.8916, 28.1693, 24.5592

Monochromacy



Original Color

38.7372, 28.1804, 28.5970

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.7881, 28.1429, 30.5975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7372, 28.1804, 28.5970 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(215, 113, 141)` looks like.

```
.text, #text, p{  
    color:rgb(215, 113, 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(215, 113, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 113, 141) }
```

Border

The CSS property to change the border of an element to XYZ 38.7372, 28.1804, 28.5970 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(215, 113, 141) }
```


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

```
.border{ border-color:rgb(215, 113, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 113, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 113, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 113, 141);  
box-shadow:4px 4px 4px 4px rgb(215, 113,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7372, 28.1804, 28.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 113, 141) }
```

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

```
.background{ background-color: rgb(215,  
113, 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](#).

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