

Converting Colors

XYZ(72.2704, 66.0459, 80.1197)

Have a look what the booklet for
XYZ(72.2704, 66.0459, 80.1197)
contains.

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Color

**XYZ(72.3718, 66.0572,
80.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C7E1
RGB	247, 199, 225
RGB Percent	97%, 78%, 88%
CMY	0.0314, 0.2196, 0.1176
CMYK	0.00, 0.19, 0.09, 0.03
HSL	328°, 75%, 87%
HSV	328°, 19%, 97%
XYZ	72.3718, 66.0572, 80.1701
YIQ	216.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

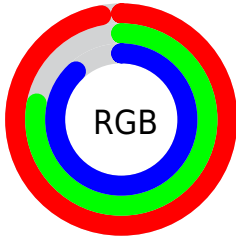
Format	Color
R _Y B	247, 199, 225
Decimal	16238561
CIE Lab	85.03, 21.12, -6.42
CIE LCh	85, 22.075, 343.102
Yxy	66.0572, 0.3311, 0.3022
Android (android.graphics.Color)	4294428641 (0xFF7C7E1)
YUV	216.3160, 4.2812, 26.9099
Hunter-Lab	81.2756, 16.7130, -1.5907

Details

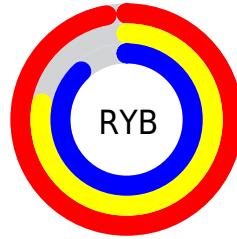
The XYZ color **72.3718, 66.0572, 80.1701** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8677, 83.8859, 80.9196**, and the grayscale version is **65.4493, 68.8577, 74.9861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6163, 34.1002, 42.5769** is the 20% darker color. If you saturate the color by 10%, you get **65.6500, 55.0033, 70.5605**, and if you desaturate by 10%, it is **80.1222, 79.0026, 90.6294**.

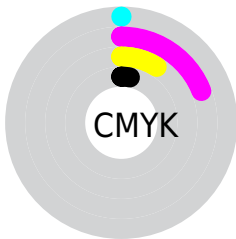
Distribution



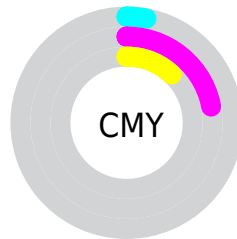
- Red (97%)
- Green (78%)
- Blue (88%)



- Red (97%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3718, 66.0572, 80.1701 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 72.3718, 66.0572, 80.1701 by changing the saturation by 10% instead.

72.3718, 66.0572,
80.1701

72.3718, 66.0572,
80.1701

457.9722,
446.5814, 515.2278

53.7490, 48.3188,
59.3313

121.5929,
113.5684, 135.4184

38.6309, 34.0794,
42.4581

152.9220,
144.1101, 170.6651

26.6521, 22.9546,
29.1320

189.2171,
179.6883, 211.5514

17.4474, 14.5600,
18.9342

230.8438,
220.6874, 258.4960

10.6512, 8.5112,
11.4464

278.1672,
267.4919, 311.9174

5.8984, 4.4237,
6.2500

331.5529,

2.8235, 1.9133,

320.4862, 372.2342

2.9265

391.3661,
380.0545, 439.8648

■ 1.0611, 0.5564,
1.0572

■ 0.0000, 0.0000,
0.0000

■ 72.3718, 66.0572,
80.1701

■ 72.3718, 66.0572,
80.1701

■ 65.6500, 55.0033,
70.5605

■ 80.1222, 79.0026,
90.6294

■ 59.9048, 45.7426,
61.7712

■ 88.9388, 93.9143,
101.9582

■ 55.0877, 38.1808,
53.7770

■ 92.1682, 98.5144,
108.7651

■ 51.1442, 32.2118,
46.5492

■ 48.0131, 27.7171,
40.0569

■ 45.6253, 24.5617,
34.2659

■ 43.8987, 22.5853,
29.1373

■ 42.7063, 21.5380,
24.6169

■ 42.6461, 21.4895,
24.3750

Harmonies

Analogous

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



69.5384, 66.0572, 93.7959



72.3718, 66.0572, 80.1701



72.5519, 66.0572, 65.9026

Triad

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



72.3718, 66.0572, 80.1701



60.6457, 66.0572, 48.4434



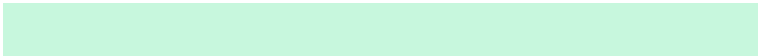
56.0686, 66.0572, 92.2752

Complementary

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



72.3718, 66.0572, 80.1701



69.8677, 83.8859, 80.9196

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.



53.9372, 66.0572, 78.3037



72.3718, 66.0572, 80.1701



56.4844, 66.0572, 53.7493

Square

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



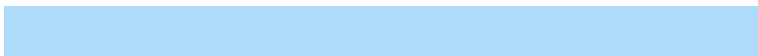
72.3718, 66.0572, 80.1701



65.6019, 66.0572, 48.8045



54.0853, 66.0572, 64.2656



60.0506, 66.0572, 101.3912

Rectangle

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



72.3718, 66.0572, 80.1701



71.1285, 66.0572, 58.0005



54.0853, 66.0572, 64.2656



55.1216, 66.0572, 87.9169

Sweetspot

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



72.3737, 66.0601, 80.1715



89.2531, 90.1802, 101.4986



66.9117, 62.8749, 96.6061



18.9742, 19.0836, 21.5569



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.



72.3737, 66.0601, 80.1715



75.0787, 66.5058, 82.3634



69.3733, 64.8600, 64.3716



16.8745, 16.6327, 19.0858



22.6265, 11.3940, 13.2734



2.0405, 1.0222, 1.4397

Inverse Universe

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



72.3737, 66.0601, 80.1715



75.0787, 66.5058, 82.3634



73.2364, 85.2334, 98.6592



16.8745, 16.6327, 19.0858



22.6265, 11.3940, 13.2734



2.0405, 1.0222, 1.4397

Previews

White Background



This preview shows how the XYZ color 72.3718, 66.0572, 80.1701 looks on a white background.

Color Contrast Check

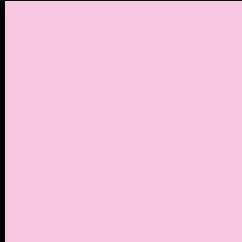
Large Text (above 18pt) WCAG AA × Fail

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 72.3718, 66.0572, 80.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

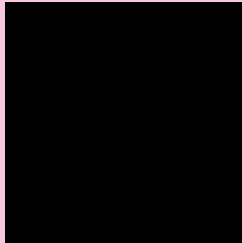
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.3718, 66.0572, 80.1701

Background



This preview shows how black text looks on a background with the XYZ color 72.3718, 66.0572, 80.1701.



This preview shows how white text looks on a background with the XYZ color 72.3718, 66.0572,

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

72.3718, 66.0572, 80.1701

Protanopia

64.7237, 66.2636, 85.7228

Deuteranopia

67.5208, 66.0184, 79.7051



Tritanopia

71.0550, 65.8593, 73.9329

Trichromacy



Original Color

72.3718, 66.0572, 80.1701

Protanomaly

67.1962, 66.1301, 83.3515

Deuteranomaly

69.0714, 65.7559, 79.5727

Tritanomaly

71.4465, 66.0159, 75.9945

Monochromacy



Original Color

72.3718, 66.0572, 80.1701

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.5113, 67.5386, 76.4958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3718, 66.0572, 80.1701 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(247, 199, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 199, 225)  
}
```

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(247, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 199, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.3718, 66.0572, 80.1701 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(247, 199, 225) }
```


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

```
.border{ border-color:rgb(247, 199, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 199, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 199, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 199, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 199,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3718, 66.0572, 80.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 199, 225) }
```

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

```
.background{ background-color: rgb(247,  
199, 225) }
```

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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