

Converting Colors

XYZ(68.4790, 60.7776, 77.9340)

Have a look what the booklet for
XYZ(68.4790, 60.7776, 77.9340)
contains.

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Color

**XYZ(68.4790, 60.7776,
77.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BDDF
RGB	243, 189, 223
RGB Percent	95%, 74%, 87%
CMY	0.0471, 0.2588, 0.1255
CMYK	0.00, 0.22, 0.08, 0.05
HSL	322°, 69%, 85%
HSV	322°, 22%, 95%
XYZ	68.4790, 60.7776, 77.9340
YIQ	209.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

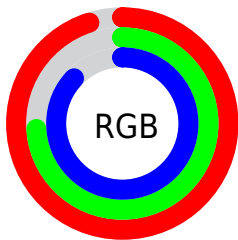
Format	Color
R _Y B	243, 189, 223
Decimal	15973855
CIE Lab	82.26, 24.71, -9.49
CIE LCh	82, 26.469, 338.987
Yxy	60.7776, 0.3305, 0.2933
Android (android.graphics.Color)	4294163935 (0xFFFF3BDDF)
YUV	209.0220, 6.8912, 29.7987
Hunter-Lab	77.9600, 20.3620, -4.6982

Details

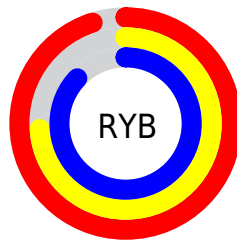
The XYZ color **68.4790, 60.7776, 77.9340** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.5479, 79.5251, 72.2731**, and the grayscale version is **60.5670, 63.7212, 69.3923**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **35.9816, 30.5942, 41.0546** is the 20% darker color. If you saturate the color by 10%, you get **62.5023, 50.7141, 70.1131**, and if you desaturate by 10%, it is **75.3995, 72.6237, 86.3892**.

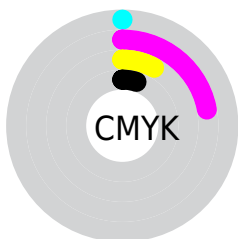
Distribution



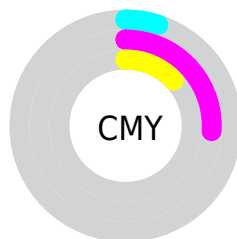
- Red (95%)
- Green (74%)
- Blue (87%)



- Red (95%)
- Yellow (74%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4790, 60.7776, 77.9340 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 68.4790, 60.7776, 77.9340 by changing the saturation by 10% instead.

68.4790, 60.7776,
77.9340

68.4790, 60.7776,
77.9340

444.5414,
427.4581, 507.4646

50.5626, 44.0457,
57.5036

116.0753,
105.9569, 132.2421

36.0803, 30.7064,
40.9977

146.4859,
135.1730, 166.9569

24.6666, 20.3754,
27.9976

181.7919,
169.3194, 207.2703

15.9562, 12.6682,
18.0848

222.3588,
208.7803, 253.6008

9.5838, 7.2005,
10.8408

268.5518,
253.9403, 306.3669

5.1841, 3.5878,
5.8471

320.7364,

2.3915, 1.4458,

305.1836, 365.9873

2.6850

379.2778,
362.8948, 432.8803

■ 0.8409, 0.2501,
0.9359

■ 0.0000, 0.0000,
0.0000

■ 68.4790, 60.7776,
77.9340

■ 68.4790, 60.7776,
77.9340

■ 62.5023, 50.7141,
70.1131

■ 75.3995, 72.6237,
86.3892

■ 57.4194, 42.3375,
62.9030

■ 83.3000, 86.3258,
95.4934

■ 53.1837, 35.5554,
56.2836

■ 89.9784, 97.4772,
104.5180

■ 49.7422, 30.2632,
50.2323

■ 90.7725, 97.7949,
108.6998

■ 47.0354, 26.3438,
44.7238

■ 44.9950, 23.6620,
39.7301

■ 43.5386, 22.0553,
35.2181

■ 42.7117, 21.3546,
32.0047

Harmonies

Analogous

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



64.8527, 60.7776, 93.3334



68.4790, 60.7776, 77.9340



69.1390, 60.7776, 61.4486

Triad

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



68.4790, 60.7776, 77.9340



56.0920, 60.7776, 40.0238



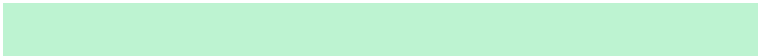
49.7510, 60.7776, 87.6723

Complementary

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



68.4790, 60.7776, 77.9340



64.5479, 79.5251, 72.2731

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.



47.7163, 60.7776, 71.1408



68.4790, 60.7776, 77.9340



51.2177, 60.7776, 44.8757

Square

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



68.4790, 60.7776, 77.9340



61.7387, 60.7776, 41.2389



48.2352, 60.7776, 55.6653



53.9699, 60.7776, 99.5604

Rectangle

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



68.4790, 60.7776, 77.9340



67.7686, 60.7776, 52.2543



48.2352, 60.7776, 55.6653



48.8018, 60.7776, 82.3749

Sweetspot

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



68.4808, 60.7803, 77.9353



88.5712, 88.7167, 101.5790



60.6157, 56.3955, 92.4855



18.8439, 18.7913, 21.6106



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.



68.4808, 60.7803, 77.9353



73.0430, 62.1260, 82.6355



65.1485, 59.4474, 60.3878



16.9381, 16.6581, 19.4205



23.5088, 11.7470, 17.9196



2.1157, 1.0523, 1.8358

Inverse Universe

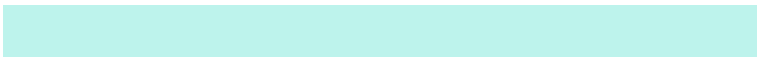
The Inverse Universe completely reimagines the original color for something new.



68.4808, 60.7803, 77.9353



73.0430, 62.1260, 82.6355



68.1501, 80.9660, 91.2420



16.9381, 16.6581, 19.4205



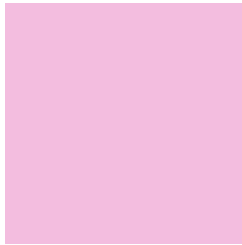
23.5088, 11.7470, 17.9196



2.1157, 1.0523, 1.8358

Previews

White Background



This preview shows how the XYZ color 68.4790, 60.7776, 77.9340 looks on a white background.

Color Contrast Check

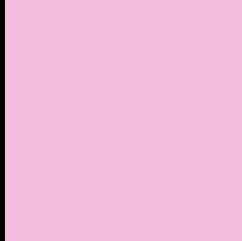
Large Text (above 18pt) WCAG AA × Fail

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 68.4790, 60.7776, 77.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

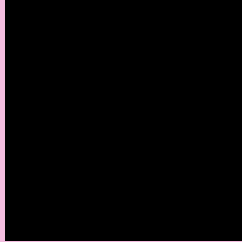
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4790, 60.7776, 77.9340

Background



This preview shows how black text looks on a background with the XYZ color 68.4790, 60.7776, 77.9340.



This preview shows how white text looks on a background with the XYZ color 68.4790, 60.7776,

77.9340.

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

68.4790, 60.7776, 77.9340

Protanopia

59.7408, 60.8174, 84.9342

Deuteranopia

62.0898, 60.8190, 76.8734



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

68.4790, 60.7776, 77.9340

Protanomaly

62.6558, 60.6442, 82.5319

Deuteranomaly

64.0640, 60.4729, 77.4031

Tritanomaly

67.2590, 60.9429, 71.1690

Monochromacy



Original Color

68.4790, 60.7776, 77.9340

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.0769, 62.4683, 72.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4790, 60.7776, 77.9340 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(243, 189, 223)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 223)  
}
```

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(243, 189, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 223) }
```

Border

The CSS property to change the border of an element to XYZ 68.4790, 60.7776, 77.9340 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(243, 189, 223) }
```


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

```
.border{ border-color:rgb(243, 189, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 189, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 223);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4790, 60.7776, 77.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 223) }
```

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

```
.background{ background-color: rgb(243,  
189, 223) }
```

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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