

Converting Colors

XYZ(76.5250, 68.3218, 86.1647)

Have a look what the booklet for
XYZ(76.5250, 68.3218, 86.1647)
contains.

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Color

**XYZ(76.6023, 68.4517,
86.2659)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8E9
RGB	255, 200, 233
RGB Percent	100%, 78%, 91%
CMY	0.0000, 0.2157, 0.0863
CMYK	0.00, 0.22, 0.09, 0.00
HSL	324°, 100%, 89%
HSV	324°, 22%, 100%
XYZ	76.6023, 68.4517, 86.2659
YIQ	220.2070, 22.1870, 21.9230

Conversions

Conversions Part 2

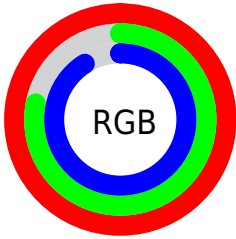
Format	Color
R_{YB}	255, 200, 233
Decimal	16763113
CIE _{Lab}	86.23, 24.65, -8.80
CIE _{LCh}	86, 26.175, 340.348
Yxy	68.4517, 0.3312, 0.2959
Android (android.graphics.Color)	4294953193 (0xFFFFC8E9)
YUV	220.2070, 6.3069, 30.5135
Hunter-Lab	82.7355, 20.4805, -3.9050

Details

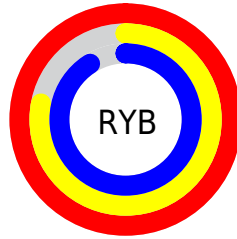
The XYZ color **76.6023, 68.4517, 86.2659** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.7664, 89.0743, 82.4683**, and the grayscale version is **68.1199, 71.6674, 78.0458**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5034, 35.7379, 46.3056** is the 20% darker color. If you saturate the color by 10%, you get **69.7664, 57.0449, 77.0050**, and if you desaturate by 10%, it is **84.5103, 81.8676, 96.3017**.

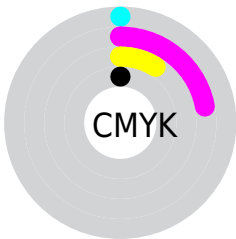
Distribution



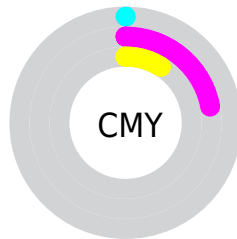
- Red (100%)
- Green (78%)
- Blue (91%)



- Red (100%)
- Yellow (78%)
- Blue (91%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6023, 68.4517, 86.2659 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 76.6023, 68.4517, 86.2659 by changing the saturation by 10% instead.


 76.6023, 68.4517,
86.2659

 76.6023, 68.4517,
86.2659


472.3197,
455.0948, 536.0610

 57.2253, 50.2653,
64.3317


127.5538,
116.9981, 144.0303

 41.4270, 35.6242,
46.4715


159.8589,
148.1269, 180.6976

 28.8420, 24.1441,
32.2667


197.2042,
184.3386, 223.1131

 19.1050, 15.4406,
21.2988

239.9550,
226.0176, 271.6952

 11.8507, 9.1292,
13.1492

288.4766,
273.5484, 326.8625

 6.7135, 4.8255,
7.3994

343.1343,

 3.3283, 2.1453,

327.3152, 389.0335

3.6309

404.2936,
387.7025, 458.6269

■ 1.3297, 0.6899,
1.4251

■ 0.2053, 0.0000,
0.1612

■ 76.6023, 68.4517,
86.2659

■ 76.6023, 68.4517,
86.2659

■ 69.7664, 57.0449,
77.0050

■ 84.5103, 81.8676,
96.3017

■ 63.9479, 47.5405,
68.4909

■ 93.5328, 97.3755,
107.1304

■ 59.0939, 39.8350,
60.7000

95.0500, 100.0000,
108.9000

■ 55.1448, 33.8111,
53.6048

■ 52.0336, 29.3377,
47.1756

■ 49.6838, 26.2643,
41.3792

■ 48.0034, 24.4095,
36.1768

■ 46.9894, 23.5597,
32.2058

Harmonies

Analogous

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



72.8601, 68.4517, 102.8103



76.6023, 68.4517, 86.2659



77.1463, 68.4517, 68.7253

Triad

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



76.6023, 68.4517, 86.2659



63.0007, 68.4517, 46.4072



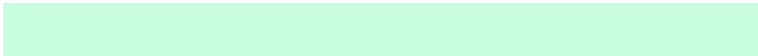
56.6192, 68.4517, 98.1633

Complementary

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



76.6023, 68.4517, 86.2659



72.7664, 89.0743, 82.4683

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.



54.3093, 68.4517, 80.6575



76.6023, 68.4517, 86.2659



57.8398, 68.4517, 51.9823

Square

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



76.6023, 68.4517, 86.2659



69.0388, 68.4517, 47.4310



54.7419, 68.4517, 63.9140



61.2396, 68.4517, 110.3801

Rectangle

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



76.6023, 68.4517, 86.2659



75.5883, 68.4517, 58.9827



54.7419, 68.4517, 63.9140



55.5601, 68.4517, 92.5995

Sweetspot

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



76.6038, 68.4545, 86.2673



89.3920, 90.2357, 102.2300



68.8309, 64.0614, 103.3450



19.0071, 19.0967, 21.7298



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.



76.6038, 68.4545, 86.2673



73.4433, 63.1543, 82.0669



72.9761, 67.0034, 67.1645



18.4670, 18.1701, 21.0764



24.6287, 12.3408, 17.2272



2.4520, 1.2232, 1.9617

Inverse Universe

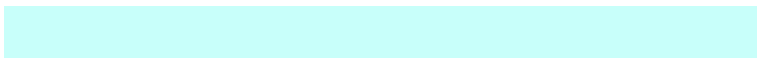
The Inverse Universe completely reimagines the original color for something new.



76.6038, 68.4545, 86.2673



73.4433, 63.1543, 82.0669



76.7580, 90.6710, 103.4881



18.4670, 18.1701, 21.0764



24.6287, 12.3408, 17.2272



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 76.6023, 68.4517, 86.2659 looks on a white background.

Color Contrast Check

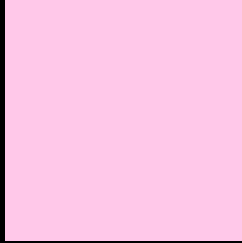
Large Text (above 18pt) WCAG AA × Fail

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 76.6023, 68.4517, 86.2659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

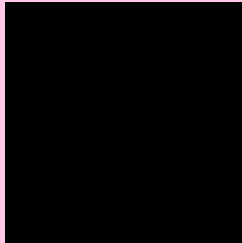
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6023, 68.4517, 86.2659

Background



This preview shows how black text looks on a background with the XYZ color 76.6023, 68.4517, 86.2659.



This preview shows how white text looks on a background with the XYZ color 76.6023, 68.4517,

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

76.6023, 68.4517, 86.2659

Protanopia

67.2250, 68.5010, 93.6833

Deuteranopia

70.1035, 68.6857, 85.1641



Tritanopia

74.5188, 68.6565, 75.6541

Trichromacy



Original Color

76.6023, 68.4517, 86.2659



Protanomaly

70.3754, 68.3269, 91.1406



Deuteranomaly

72.2334, 68.3195, 85.7238



Tritanomaly

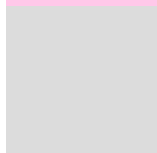
75.3129, 68.6396, 79.0914

Monochromacy



Original Color

76.6023, 68.4517, 86.2659



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

70.9891, 70.3484, 81.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6023, 68.4517, 86.2659 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(255, 200, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 233)  
}
```

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(255, 200, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 233) }
```

Border

The CSS property to change the border of an element to XYZ 76.6023, 68.4517, 86.2659 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(255, 200, 233) }
```


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

```
.border{ border-color:rgb(255, 200, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6023, 68.4517, 86.2659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 233) }
```

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

```
.background{ background-color: rgb(255,  
200, 233) }
```

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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