

Converting Colors

XYZ(80.0826, 67.1862,
120.8535)

Have a look what the booklet for
XYZ(80.0826, 67.1862, 120.8535)
contains.

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Color

**XYZ(76.5443, 65.6839,
103.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC1FF
RGB	250, 193, 255
RGB Percent	98%, 76%, 100%
CMY	0.0196, 0.2431, 0.0000
CMYK	0.02, 0.24, 0.00, 0.00
HSL	295°, 100%, 88%
HSV	295°, 24%, 100%
XYZ	76.5443, 65.6839, 103.2517
YIQ	217.1110, 14.0700, 31.3660

Conversions

Conversions Part 2

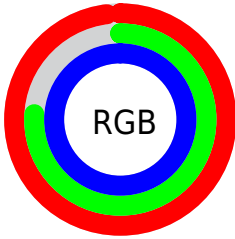
Format	Color
R _Y B	250, 193, 255
Decimal	16433663
CIE Lab	84.83, 30.55, -22.64
CIE LCh	85, 38.027, 323.465
Yxy	65.6839, 0.3118, 0.2676
Android (android.graphics.Color)	4294623743 (0xFFFA C1FF)
YUV	217.1110, 18.6793, 28.8437
Hunter-Lab	81.0456, 26.7562, -18.8032

Details

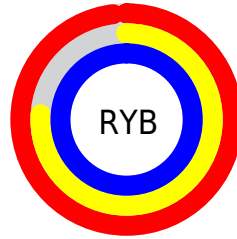
The XYZ color **76.5443, 65.6839, 103.2517** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6759, 87.3768, 63.7011**, and the grayscale version is **65.9003, 69.3322, 75.5028**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **41.4180, 33.8799, 57.7826** is the 20% darker color. If you saturate the color by 10%, you get **70.6537, 54.9896, 101.4979**, and if you desaturate by 10%, it is **83.4185, 78.3316, 105.3306**.

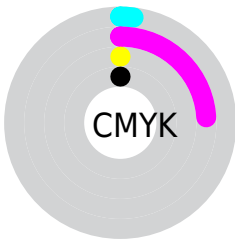
Distribution



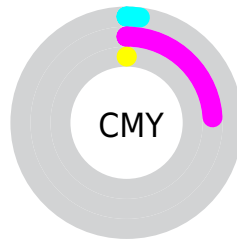
- Red (98%)
- Green (76%)
- Blue (100%)



- Red (98%)
- Yellow (76%)
- Blue (100%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5443, 65.6839, 103.2517 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 76.5443, 65.6839, 103.2517 by changing the saturation by 10% instead.


 76.5443, 65.6839,
103.2517

 76.5443, 65.6839,
103.2517


472.1247,
445.2455, 591.9039

 57.1776, 48.0158,
78.3870


 127.4723,
113.0325, 167.7094

 41.3885, 33.8394,
57.8736


159.7642,
143.4819, 208.1394

 28.8118, 22.7703,
41.2930


197.0953,
178.9605, 254.5949

 19.0821, 14.4240,
28.2267

239.8308,
219.8527, 307.4944

 11.8339, 8.4161,
18.2561

288.3362,
266.5429, 367.2565

 6.7021, 4.3624,
10.9626

342.9767,

 3.3212, 1.8783,

319.4155, 434.2998

5.9279

404.1177,
378.8549, 509.0427

■ 1.3258, 0.5353,
2.7332

■ 0.2024, 0.0000,
0.9601

■ 76.5443, 65.6839,
103.2517

■ 76.5443, 65.6839,
103.2517

■ 70.6537, 54.9896,
101.4979

■ 83.4185, 78.3316,
105.3306

■ 65.6913, 46.1406,
100.0515

■ 91.3170, 93.0169,
107.7489

■ 61.6045, 39.0311,
98.8946

95.0500, 100.0000,
108.9000

■ 58.3334, 33.5411,
98.0073

■ 55.8104, 29.5356,
97.3671

■ 53.9569, 26.8574,
96.9479

■ 52.6768, 25.3141,
96.7175

■ 52.1266, 24.7872,
96.6448

Harmonies

Analogous

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



69.1855, 65.6839, 123.7819



76.5443, 65.6839, 103.2517



80.1666, 65.6839, 76.9933

Triad

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



76.5443, 65.6839, 103.2517



64.3140, 65.6839, 34.2920



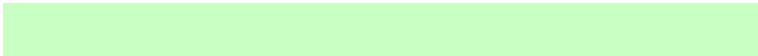
48.5734, 65.6839, 91.8806

Complementary

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



76.5443, 65.6839, 103.2517



68.6759, 87.3768, 63.7011

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.



47.5247, 65.6839, 66.3097



76.5443, 65.6839, 103.2517



56.1303, 65.6839, 36.5298

Square

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



76.5443, 65.6839, 103.2517



72.7024, 65.6839, 40.0497



50.1680, 65.6839, 47.0610



53.1749, 65.6839, 116.2416

Rectangle

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



76.5443, 65.6839, 103.2517



79.7609, 65.6839, 61.1378



50.1680, 65.6839, 47.0610



47.8121, 65.6839, 83.0126

Sweetspot

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



76.5462, 65.6867, 103.2521



89.0902, 88.8633, 107.0645



60.2771, 59.0249, 102.8237



18.9642, 18.8253, 22.8841



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.



76.5462, 65.6867, 103.2521



73.6645, 60.4348, 102.3903



74.4776, 65.0689, 82.8866



18.6397, 18.2215, 22.7846



27.2977, 12.9830, 50.5018



2.6989, 1.2853, 4.9191

Inverse Universe

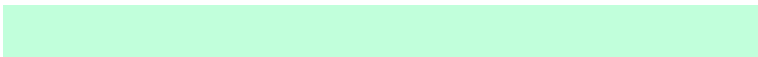
The Inverse Universe completely reimagines the original color for something new.



70.5046, 63.4797, 61.9651



66.7450, 57.9165, 54.6817



70.5184, 87.9640, 80.1671



18.0688, 18.0108, 18.9795



21.6380, 11.1445, 1.4784



2.1263, 1.0929, 0.2465

Previews

White Background



This preview shows how the XYZ color 76.5443, 65.6839, 103.2517 looks on a white background.

Color Contrast Check

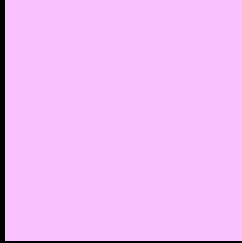
Large Text (above 18pt) WCAG AA × Fail

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 76.5443, 65.6839, 103.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

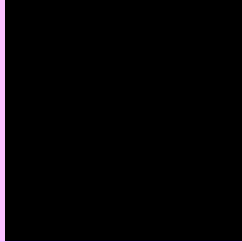
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5443, 65.6839, 103.2517

Background



This preview shows how black text looks on a background with the XYZ color 76.5443, 65.6839, 103.2517.

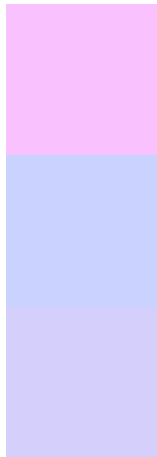


This preview shows how white text looks on a background with the XYZ color 76.5443, 65.6839,

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

76.5443, 65.6839, 103.2517

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.3241, 65.8001, 101.2478



Tritanopia

70.3572, 65.4995, 73.9002

Trichromacy



Original Color

76.5443, 65.6839, 103.2517



Protanomaly

68.8563, 65.4658, 103.6148



Deuteranomaly

70.2142, 65.5017, 101.8709



Tritanomaly

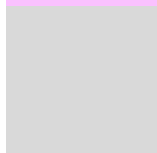
72.2552, 65.2385, 83.6469

Monochromacy



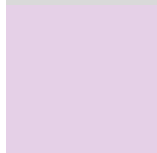
Original Color

76.5443, 65.6839, 103.2517



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.2928, 67.5393, 84.9856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5443, 65.6839, 103.2517 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(250, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 193, 255)  
}
```

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(250, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.5443, 65.6839, 103.2517 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(250, 193, 255) }
```


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

```
.border{ border-color:rgb(250, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5443, 65.6839, 103.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 193, 255) }
```

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

```
.background{ background-color: rgb(250,  
193, 255) }
```

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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