

Converting Colors

XYZ(84.4644, 80.1753,
105.6314)

Have a look what the booklet for
XYZ(84.4644, 80.1753, 105.6314)
contains.

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Color

**XYZ(84.6793, 80.3452,
105.6528)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDEFF
RGB	253, 222, 255
RGB Percent	99%, 87%, 100%
CMY	0.0078, 0.1294, 0.0000
CMYK	0.01, 0.13, 0.00, 0.00
HSL	296°, 100%, 94%
HSV	296°, 13%, 100%
XYZ	84.6793, 80.3452, 105.6528
YIQ	235.0310, 7.8830, 16.8350

Conversions

Conversions Part 2

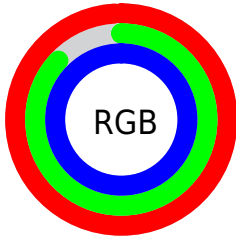
Format	Color
R _Y B	253, 222, 255
Decimal	16637695
CIE Lab	91.84, 16.29, -12.07
CIE LCh	92, 20.276, 323.459
Yxy	80.3452, 0.3128, 0.2968
Android (android.graphics.Color)	4294827775 (0xFFFDDEFF)
YUV	235.0310, 9.8447, 15.7588
Hunter-Lab	89.6355, 11.7682, -7.1399

Details

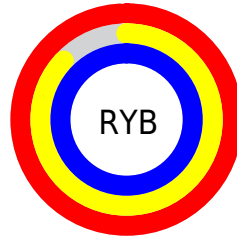
The XYZ color **84.6793, 80.3452, 105.6528** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.6873, 92.6422, 82.7930**, and the grayscale version is **78.9144, 83.0241, 90.4132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7767, 43.4504, 59.3474** is the 20% darker color. If you saturate the color by 10%, you get **77.8529, 67.5227, 103.5376**, and if you desaturate by 10%, it is **92.5389, 95.2253, 108.1107**.

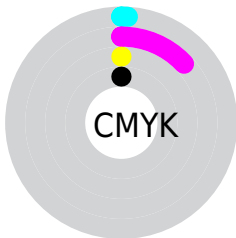
Distribution



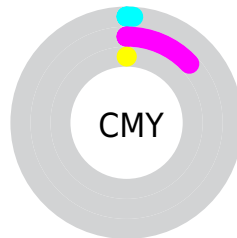
- Red (99%)
- Green (87%)
- Blue (100%)



- Red (99%)
- Yellow (87%)
- Blue (100%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6793, 80.3452, 105.6528 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 84.6793, 80.3452, 105.6528 by changing the saturation by 10% instead.


 84.6793, 80.3452,
105.6528

 84.6793, 80.3452,
105.6528


499.0660,
496.0954, 599.5688

 63.8980, 60.0025,
80.3867


138.8414,
133.8510, 171.0234

 46.8295, 43.4206,
59.5085


172.9529,
167.7828, 211.9648

 33.1082, 30.2153,
42.5999


212.2385,
207.0130, 258.9685

 22.3690, 20.0020,
29.2423

257.0636,
251.9262, 312.4529

 14.2464, 12.3965,
19.0170

307.7936,
302.9066, 372.8366

 8.3751, 7.0143,
11.5056

364.7937,

 4.3897, 3.4711,

360.3387, 440.5382

6.2896

428.4294,
424.6068, 515.9760

■ 1.9249, 1.3823,
2.9503

■ 0.5912, 0.2036,
1.0693

■ 84.6793, 80.3452,
105.6528

■ 84.6793, 80.3452,
105.6528

■ 77.8529, 67.5227,
103.5376

■ 92.5389, 95.2253,
108.1107

■ 72.0072, 56.6559,
101.7482

95.0500, 100.0000,
108.9000

■ 67.0951, 47.6496,
100.2687

■ 63.0630, 40.3966,
99.0813

■ 59.8518, 34.7785,
98.1661

■ 57.3950, 30.6628,
97.5012

■ 55.6160, 27.8959,
97.0609

■ 54.4216, 26.2915,
96.8142

■ 53.8348, 25.6677,
96.7247

Harmonies

Analogous

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



80.4135, 80.3452, 116.4506



84.6793, 80.3452, 105.6528



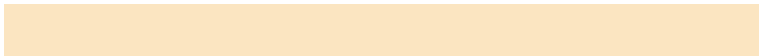
86.7304, 80.3452, 90.7830

Triad

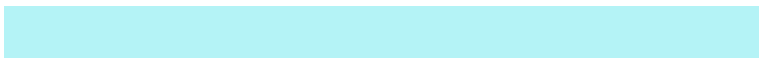
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6793, 80.3452, 105.6528



77.5097, 80.3452, 62.0178



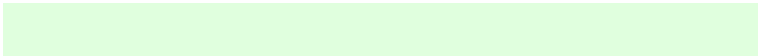
67.5604, 80.3452, 99.3776

Complementary

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



84.6793, 80.3452, 105.6528



79.6873, 92.6422, 82.7930

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.



66.8615, 80.3452, 84.2625



84.6793, 80.3452, 105.6528



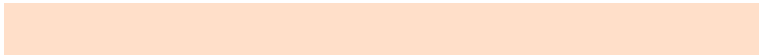
72.4561, 80.3452, 63.7667

Square

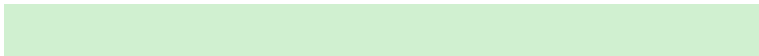
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6793, 80.3452, 105.6528



82.4715, 80.3452, 66.4438



68.6149, 80.3452, 71.5245



70.5689, 80.3452, 112.5500

Rectangle

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



84.6793, 80.3452, 105.6528



86.5026, 80.3452, 80.9885



68.6149, 80.3452, 71.5245



67.0533, 80.3452, 94.3142

Sweetspot

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



84.6815, 80.3486, 105.6534



91.6550, 93.5469, 107.8334



74.8868, 76.1723, 105.3635



19.4854, 19.7713, 23.0392



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.



84.6815, 80.3486, 105.6534



82.4840, 76.2088, 104.9701



83.1956, 79.8387, 94.0118



18.6776, 18.2411, 22.7864



28.1765, 13.4360, 50.5429



2.7751, 1.3245, 4.9227

Inverse Universe

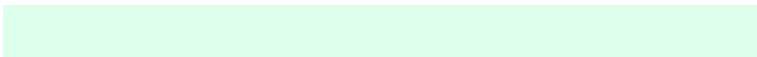
The Inverse Universe completely reimagines the original color for something new.



80.8179, 78.8876, 81.4911



77.8188, 74.4471, 75.6897



81.0704, 93.1243, 93.2900



18.0540, 18.0049, 18.9014



21.6126, 11.1343, 1.3446



2.1193, 1.0901, 0.2096

Previews

White Background



This preview shows how the XYZ color 84.6793, 80.3452, 105.6528 looks on a white background.

Color Contrast Check

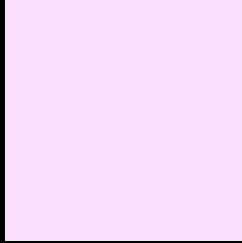
Large Text (above 18pt) WCAG AA × Fail

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 84.6793, 80.3452, 105.6528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

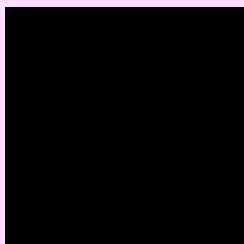
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6793, 80.3452, 105.6528

Background



This preview shows how black text looks on a background with the XYZ color 84.6793, 80.3452, 105.6528.



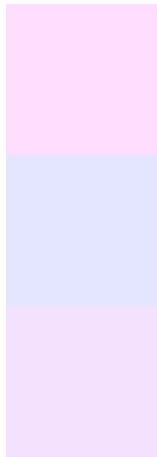
This preview shows how white text looks on a background with the XYZ color 84.6793, 80.3452,

105.6528.

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

84.6793, 80.3452, 105.6528

Protanopia

78.3417, 80.3076, 105.9796

Deuteranopia

82.1228, 80.2393, 104.9253



Tritanopia

82.4663, 80.2313, 95.1442

Trichromacy



Original Color

84.6793, 80.3452, 105.6528

Protanomaly

80.4441, 80.1627, 105.8408

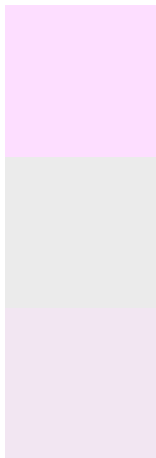
Deuteranomaly

82.9028, 80.2412, 104.8846

Tritanomaly

83.3211, 80.1862, 99.0817

Monochromacy



Original Color

84.6793, 80.3452, 105.6528

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.9418, 81.8817, 95.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6793, 80.3452, 105.6528 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(253, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 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(253, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.6793, 80.3452, 105.6528 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(253, 222, 255) }
```


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

```
.border{ border-color:rgb(253, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6793, 80.3452, 105.6528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 255) }
```

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

```
.background{ background-color: rgb(253,  
222, 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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