

Converting Colors

XYZ(77.3528, 65.1938,
103.1145)

Have a look what the booklet for
XYZ(77.3528, 65.1938, 103.1145)
contains.

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Color

**XYZ(77.3365, 65.1177,
103.1006)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEBEFF</code>
RGB	<code>254, 190, 255</code>
RGB Percent	<code>100%, 75%, 100%</code>
CMY	<code>0.0039, 0.2549, 0.0000</code>
CMYK	<code>0.00, 0.25, 0.00, 0.00</code>
HSL	<code>299°, 100%, 87%</code>
HSV	<code>299°, 25%, 100%</code>
XYZ	<code>77.3365, 65.1177, 103.1006</code>
YIQ	<code>216.5460, 17.2790, 33.7830</code>

Conversions

Conversions Part 2

Format	Color
RYB	254, 190, 255
Decimal	16695039
CIELab	84.54, 33.41, -23.04
CIELCh	85, 40.582, 325.403
Yxy	65.1177, 0.3149, 0.2652
Android (android.graphics.Color)	4294885119 (0xFFFEBEFF)
YUV	216.5460, 18.9578, 32.8472
Hunter-Lab	80.6955, 29.8526, -19.2650

Details

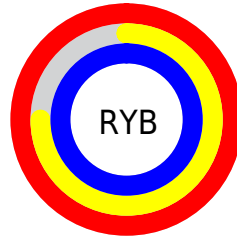
The XYZ color **77.3365, 65.1177, 103.1006** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5417, 86.3148, 61.8717**, and the grayscale version is **65.5106, 68.9223, 75.0564**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **42.0232, 33.5559, 57.6881** is the 20% darker color. If you saturate the color by 10%, you get **72.1466, 54.9496, 101.4115**, and if you desaturate by 10%, it is **83.4966, 77.2239, 105.1127**.

Distribution



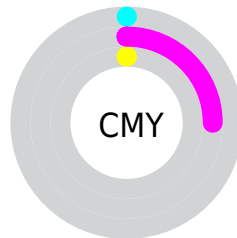
- Red (100%)
- Green (75%)
- Blue (100%)



- Red (100%)
- Yellow (75%)
- Blue (100%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3365, 65.1177, 103.1006 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 77.3365, 65.1177, 103.1006 by changing the saturation by 10% instead.


 77.3365, 65.1177,
103.1006

 77.3365, 65.1177,
103.1006


474.7849,
443.2148, 591.4198

 57.8300, 47.5565,
78.2612


 128.5847,
112.2191, 167.5005

 41.9147, 33.4758,
57.7709


161.0571,
142.5280, 207.8982

 29.2253, 22.4912,
41.2110

198.5822,
177.8551, 254.3190

 19.3965, 14.2183,
28.1630

241.5252,
218.5845, 307.1816

 12.0628, 8.2726,
18.2085

290.2517,
265.1008, 366.9044

 6.8590, 4.2699,
10.9288

345.1269,

 3.4196, 1.8257,

317.7884, 433.9060

5.9054

406.5162,
377.0316, 508.6049

■ 1.3793, 0.5031,
2.7198

■ 0.2414, 0.0000,
0.9534

■ 77.3365, 65.1177,
103.1006

■ 77.3365, 65.1177,
103.1006

■ 72.1466, 54.9496,
101.4115

■ 83.4966, 77.2239,
105.1127

■ 67.8710, 46.6105,
100.0273

■ 90.6679, 91.3531,
107.4619

■ 64.4567, 39.9935,
98.9300

95.0500, 100.0000,
108.9000

■ 61.8428, 34.9771,
98.0995

■ 59.9609, 31.4241,
97.5129

■ 58.7307, 29.1740,
97.1434

■ 58.0530, 28.0287,
96.9581

■ 57.8638, 27.7447,
96.9133

Harmonies

Analogous

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



69.6549, 65.1177, 126.0653



77.3365, 65.1177, 103.1006



80.8916, 65.1177, 74.9683

Triad

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



77.3365, 65.1177, 103.1006



63.2964, 65.1177, 31.9484



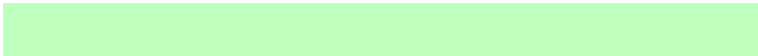
47.4775, 65.1177, 94.4806

Complementary

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



77.3365, 65.1177, 103.1006



66.5417, 86.3148, 61.8717

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.



46.1286, 65.1177, 66.9857



77.3365, 65.1177, 103.1006



54.7292, 65.1177, 34.7629

Square

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



77.3365, 65.1177, 103.1006



72.2990, 65.1177, 37.3038



48.6548, 65.1177, 46.2201



52.5357, 65.1177, 120.2984

Rectangle

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



77.3365, 65.1177, 103.1006



80.2138, 65.1177, 58.4814



48.6548, 65.1177, 46.2201



46.5976, 65.1177, 84.9676

Sweetspot

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



77.3384, 65.1205, 103.1011



88.7688, 87.6085, 106.8393



57.9368, 55.4682, 102.2606



18.7635, 18.2853, 22.7904



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.



77.3384, 65.1205, 103.1011



74.3603, 59.2815, 102.1310



73.0531, 63.4487, 78.6235



18.7635, 18.2853, 22.7904



30.2477, 14.5037, 50.6399



2.9536, 1.4166, 4.9310

Inverse Universe

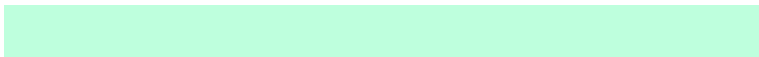
The Inverse Universe completely reimagines the original color for something new.



69.0590, 61.8511, 57.5910



64.7077, 55.4719, 48.9775



70.1037, 87.7107, 81.9350



18.0207, 17.9916, 18.7262



21.5649, 11.1152, 1.0932



2.1035, 1.0838, 0.1264

Previews

White Background



This preview shows how the XYZ color 77.3365, 65.1177, 103.1006 looks on a white background.

Color Contrast Check

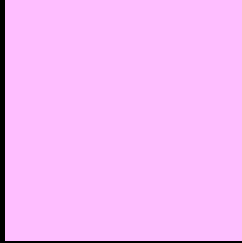
Large Text (above 18pt) WCAG AA × Fail

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 77.3365, 65.1177, 103.1006 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 77.3365, 65.1177, 103.1006

Background



This preview shows how black text looks on a background with the XYZ color 77.3365, 65.1177, 103.1006.



This preview shows how white text looks on a background with the XYZ color 77.3365, 65.1177,

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

77.3365, 65.1177, 103.1006

Protanopia

64.9160, 65.5925, 103.8469

Deuteranopia

66.7934, 65.1679, 101.1537



Tritanopia

70.9157, 65.1487, 71.7881

Trichromacy



Original Color

77.3365, 65.1177, 103.1006



Protanomaly

68.9211, 65.1475, 103.5499



Deuteranomaly

70.0625, 64.7313, 101.7302



Tritanomaly

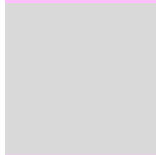
72.9430, 64.9556, 82.0920

Monochromacy



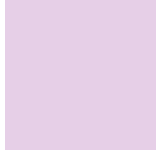
Original Color

77.3365, 65.1177, 103.1006



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.3698, 67.2182, 84.9195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3365, 65.1177, 103.1006 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(254, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 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(254, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.3365, 65.1177, 103.1006 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(254, 190, 255) }
```


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

```
.border{ border-color:rgb(254, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3365, 65.1177, 103.1006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 255) }
```

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

```
.background{ background-color: rgb(254,  
190, 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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