

Converting Colors

XYZ(77.5870, 65.6526,
103.1907)

Have a look what the booklet for
XYZ(77.5870, 65.6526, 103.1907)
contains.

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Color

**XYZ(77.5539, 65.5524,
103.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBFFF
RGB	254, 191, 255
RGB Percent	100%, 75%, 100%
CMY	0.0039, 0.2510, 0.0000
CMYK	0.00, 0.25, 0.00, 0.00
HSL	299°, 100%, 87%
HSV	299°, 25%, 100%
XYZ	77.5539, 65.5524, 103.1731
YIQ	217.1330, 17.0040, 33.2600

Conversions

Conversions Part 2

Format	Color
RYB	254, 191, 255
Decimal	16695295
CIELab	84.77, 32.88, -22.70
CIELCh	85, 39.958, 325.375
Yxy	65.5524, 0.3149, 0.2662
Android (android.graphics.Color)	4294885375 (0xFFFEFFFF)
YUV	217.1330, 18.6684, 32.3324
Hunter-Lab	80.9644, 29.2931, -18.8782

Details

The XYZ color **77.5539, 65.5524, 103.1731** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9037, 86.4888, 62.4612**, and the grayscale version is **65.9140, 69.3467, 75.5185**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **42.1647, 33.8389, 57.7353** is the 20% darker color. If you saturate the color by 10%, you get **72.3248, 55.3092, 101.4716**, and if you desaturate by 10%, it is **83.7550, 77.7375, 105.1982**.

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 77.5539, 65.5524, 103.1731 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 77.5539, 65.5524, 103.1731 by changing the saturation by 10% instead.


 77.5539, 65.5524,
103.1731

 77.5539, 65.5524,
103.1731


475.5135,
444.7744, 591.6521

 58.0091, 47.9091,
78.3216


 128.8898,
112.8437, 167.6007

 42.0593, 33.7549,
57.8202


161.4116,
143.2605, 208.0139

 29.3390, 22.7054,
41.2503


198.9897,
178.7039, 254.4514

 19.4830, 14.3761,
28.1936

241.9896,
219.5584, 307.3317

 12.1259, 8.3827,
18.2313

290.7766,
266.2082, 367.0734

 6.9023, 4.3408,
10.9450

345.7160,

 3.4468, 1.8660,

319.0380, 434.0950

5.9162

407.1732,
378.4319, 508.8150

■ 1.3942, 0.5278,
2.7262

■ 0.2521, 0.0000,
0.9566

■ 77.5539, 65.5524,
103.1731

■ 77.5539, 65.5524,
103.1731

■ 72.3248, 55.3092,
101.4716

■ 83.7550, 77.7375,
105.1982

■ 68.0121, 46.8992,
100.0756

■ 90.9692, 91.9491,
107.5611

■ 64.5629, 40.2158,
98.9673

95.0500, 100.0000,
108.9000

■ 61.9168, 35.1380,
98.1267

■ 60.0054, 31.5292,
97.5309

■ 58.7491, 29.2303,
97.1533

■ 58.0499, 28.0451,
96.9614

■ 57.8419, 27.7335,
96.9122

Harmonies

Analogous

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



69.9690, 65.5524, 125.7573



77.5539, 65.5524, 103.1731



81.0648, 65.5524, 75.4200

Triad

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



77.5539, 65.5524, 103.1731



63.7023, 65.5524, 32.6818



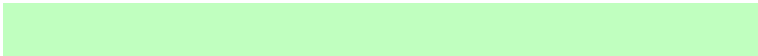
48.0247, 65.5524, 94.6285

Complementary

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



77.5539, 65.5524, 103.1731



66.9037, 86.4888, 62.4612

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.



46.6896, 65.5524, 67.4781



77.5539, 65.5524, 103.1731



55.2232, 65.5524, 35.4858

Square

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



77.5539, 65.5524, 103.1731



72.5956, 65.5524, 38.0364



49.1997, 65.5524, 46.8910



53.0370, 65.5524, 120.0536

Rectangle

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



77.5539, 65.5524, 103.1731



80.3999, 65.5524, 59.0980



49.1997, 65.5524, 46.8910



47.1527, 65.5524, 85.2453

Sweetspot

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



77.5557, 65.5552, 103.1735



88.7670, 87.6076, 106.8392



58.4027, 56.0280, 102.3441



18.7630, 18.2851, 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.



77.5557, 65.5552, 103.1735



74.8725, 60.2945, 102.2995



73.3359, 63.9096, 79.0409



18.7630, 18.2851, 22.7904



30.2364, 14.4979, 50.6393



2.9526, 1.4161, 4.9310

Inverse Universe

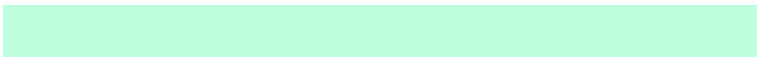
The Inverse Universe completely reimagines the original color for something new.



69.3868, 62.3299, 58.2450



65.4670, 56.5829, 50.4874



70.4235, 87.8676, 82.3108



18.0209, 17.9917, 18.7272



21.5651, 11.1153, 1.0945



2.1036, 1.0838, 0.1269

Previews

White Background



This preview shows how the XYZ color 77.5539, 65.5524, 103.1731 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 77.5539, 65.5524, 103.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

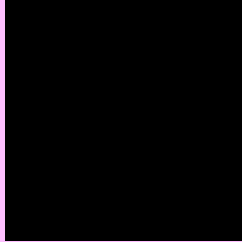
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5539, 65.5524, 103.1731

Background



This preview shows how black text looks on a background with the XYZ color 77.5539, 65.5524, 103.1731.



This preview shows how white text looks on a background with the XYZ color 77.5539, 65.5524,

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

77.5539, 65.5524, 103.1731

Protanopia

65.1840, 65.7307, 103.8595

Deuteranopia

67.3241, 65.8001, 101.2478



Tritanopia

71.2724, 65.6583, 72.5352

Trichromacy



Original Color

77.5539, 65.5524, 103.1731



Protanomaly

68.9211, 65.1475, 103.5499



Deuteranomaly

70.6112, 65.3591, 101.8225



Tritanomaly

73.3071, 65.4610, 82.9003

Monochromacy



Original Color

77.5539, 65.5524, 103.1731



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.6128, 67.7043, 85.0005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5539, 65.5524, 103.1731 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, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 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, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.5539, 65.5524, 103.1731 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, 191, 255) }
```


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

```
.border{ border-color:rgb(254, 191, 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, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5539, 65.5524, 103.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 255) }
```

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

```
.background{ background-color: rgb(254,  
191, 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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