

Converting Colors

XYZ(77.7395, 65.8103,
101.6496)

Have a look what the booklet for
XYZ(77.7395, 65.8103, 101.6496)
contains.

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Color

**XYZ(77.6004, 65.6135,
101.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFFD
RGB	255, 191, 253
RGB Percent	100%, 75%, 99%
CMY	0.0000, 0.2510, 0.0078
CMYK	0.00, 0.25, 0.01, 0.00
HSL	302°, 100%, 87%
HSV	302°, 25%, 100%
XYZ	77.6004, 65.6135, 101.5032
YIQ	217.2040, 18.2420, 32.8500

Conversions

Conversions Part 2

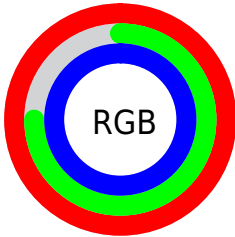
Format	Color
R _Y B	255, 191, 253
Decimal	16760829
CIE Lab	84.80, 32.84, -21.58
CIE LCh	85, 39.298, 326.684
Yxy	65.6135, 0.3171, 0.2681
Android (android.graphics.Color)	4294950909 (0xFFFFBFFD)
YUV	217.2040, 17.6474, 33.1471
Hunter-Lab	81.0022, 29.2499, -17.5943

Details

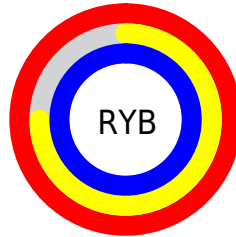
The XYZ color **77.6004, 65.6135, 101.5032** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.8735, 86.4476, 63.6163**, and the grayscale version is **65.9687, 69.4042, 75.5812**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **42.1982, 33.8826, 56.5405** is the 20% darker color. If you saturate the color by 10%, you get **72.3897, 55.3944, 99.1424**, and if you desaturate by 10%, it is **83.7827, 77.7742, 104.1922**.

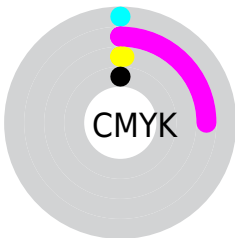
Distribution



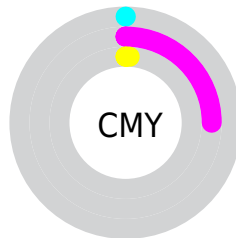
- Red (100%)
- Green (75%)
- Blue (99%)



- Red (100%)
- Yellow (75%)
- Blue (99%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6004, 65.6135, 101.5032 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 77.6004, 65.6135, 101.5032 by changing the saturation by 10% instead.


 77.6004, 65.6135,
101.5032

 77.6004, 65.6135,
101.5032


475.6693,
444.9934, 586.2892

 58.0474, 47.9587,
76.9327


 128.9550,
112.9314, 165.2912

 42.0902, 33.7942,
56.6864

161.4873,
143.3634, 205.3458

 29.3633, 22.7355,
40.3458


199.0769,
178.8231, 251.3988

 19.5015, 14.3984,
27.4924

242.0889,
219.6951, 303.8688

 12.1394, 8.3982,
17.7077

290.8888,
266.3638, 363.1743

 6.9115, 4.3508,
10.5731

345.8419,

 3.4527, 1.8717,

319.2134, 429.7338

5.6700

407.3136,
378.6285, 503.9659

■ 1.3974, 0.5313,
2.5800

■ 0.2544, 0.0000,
0.8821

■ 77.6004, 65.6135,
101.5032

■ 77.6004, 65.6135,
101.5032

■ 72.3897, 55.3944,
99.1424

■ 83.7827, 77.7742,
104.1922

■ 68.0960, 47.0087,
97.0890

■ 90.9786, 91.9617,
107.2208

■ 64.6660, 40.3496,
95.3262

95.0500, 100.0000,
108.9000

■ 62.0392, 35.2963,
93.8337

■ 60.1475, 31.7120,
92.5887

■ 58.9111, 29.4377,
91.5649

■ 58.2320, 28.2771,
90.7294

■ 58.0339, 27.9776,
90.3656

Harmonies

Analogous

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



70.2758, 65.6135, 124.0813



77.6004, 65.6135, 101.5032



80.8287, 65.6135, 74.2817

Triad

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



77.6004, 65.6135, 101.5032



63.3475, 65.6135, 33.1598



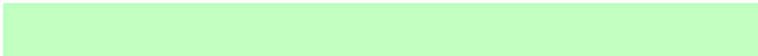
48.4330, 65.6135, 95.4904

Complementary

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



77.6004, 65.6135, 101.5032



66.8735, 86.4476, 63.6163

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.



46.9495, 65.6135, 68.6755



77.6004, 65.6135, 101.5032



55.0689, 65.6135, 36.2996

Square

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



77.6004, 65.6135, 101.5032



72.1274, 65.6135, 38.1138



49.2646, 65.6135, 47.9925



53.5233, 65.6135, 120.0753

Rectangle

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



77.6004, 65.6135, 101.5032



80.0182, 65.6135, 58.4119



49.2646, 65.6135, 47.9925



47.5179, 65.6135, 86.2786

Sweetspot

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



77.6019, 65.6161, 101.5046



88.7815, 87.6269, 106.3052



58.4387, 55.7001, 102.2789



18.7667, 18.2900, 22.6547



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.



77.6019, 65.6161, 101.5046



74.9277, 60.3672, 100.3065



73.0484, 63.7947, 77.5261



18.7667, 18.2900, 22.6547



30.3350, 14.6233, 47.2758



2.9610, 1.4268, 4.6421

Inverse Universe

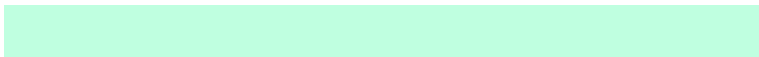
The Inverse Universe completely reimagines the original color for something new.



77.6019, 65.6161, 101.5046



74.9277, 60.3672, 100.3065



70.7113, 87.9827, 83.8259



18.7667, 18.2900, 22.6547



30.3350, 14.6233, 47.2758



2.9610, 1.4268, 4.6421

Previews

White Background



This preview shows how the XYZ color 77.6004, 65.6135, 101.5032 looks on a white background.

Color Contrast Check

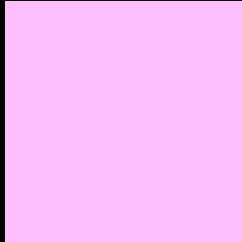
Large Text (above 18pt) WCAG AA × Fail

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 77.6004, 65.6135, 101.5032 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 77.6004, 65.6135, 101.5032

Background



This preview shows how black text looks on a background with the XYZ color 77.6004, 65.6135, 101.5032.



This preview shows how white text looks on a background with the XYZ color 77.6004, 65.6135,

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

77.6004, 65.6135, 101.5032

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.2997, 65.8239, 99.6007



Tritanopia

71.7560, 65.5672, 72.4921

Trichromacy



Original Color

77.6004, 65.6135, 101.5032



Protanomaly

69.0641, 65.2398, 102.7184



Deuteranomaly

70.6123, 65.3963, 100.1679



Tritanomaly

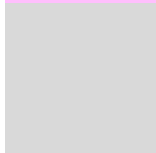
73.6636, 65.3271, 82.1257

Monochromacy



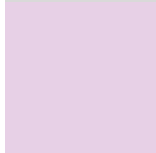
Original Color

77.6004, 65.6135, 101.5032



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.7938, 67.8138, 84.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6004, 65.6135, 101.5032 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, 191, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 253)  
}
```

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, 191, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 253) }
```

Border

The CSS property to change the border of an element to XYZ 77.6004, 65.6135, 101.5032 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, 191, 253) }
```


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

```
.border{ border-color:rgb(255, 191, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6004, 65.6135, 101.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 253) }
```

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

```
.background{ background-color: rgb(255,  
191, 253) }
```

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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