

Converting Colors

XYZ(77.3607, 70.7571,
104.1879)

Have a look what the booklet for
XYZ(77.3607, 70.7571, 104.1879)
contains.

XYZ(77.3250, 70.9003, 104.2174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.3250, 70.9003,
104.2174)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CFFF
RGB	243, 207, 255
RGB Percent	95%, 81%, 100%
CMY	0.0471, 0.1882, 0.0000
CMYK	0.05, 0.19, 0.00, 0.00
HSL	285°, 100%, 91%
HSV	285°, 19%, 100%
XYZ	77.3250, 70.9003, 104.2174
YIQ	223.2360, 6.0480, 22.5600

Conversions

Conversions Part 2

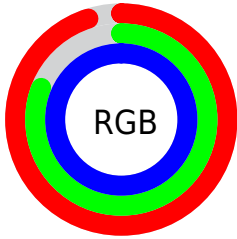
Format	Color
R _Y B	243, 207, 255
Decimal	15978495
CIE Lab	87.44, 20.92, -18.76
CIE LCh	87, 28.099, 318.107
Yxy	70.9003, 0.3063, 0.2809
Android (android.graphics.Color)	4294168575 (0xFFFF3CFFF)
YUV	223.2360, 15.6597, 17.3330
Hunter-Lab	84.2023, 16.5668, -14.4417

Details

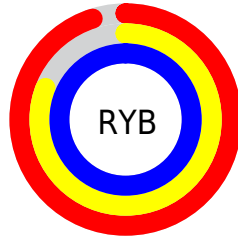
The XYZ color **77.3250, 70.9003, 104.2174** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2375, 91.0858, 72.5980**, and the grayscale version is **70.1979, 73.8536, 80.4266**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0778, 37.4245, 58.4320** is the 20% darker color. If you saturate the color by 10%, you get **69.4776, 58.4141, 102.2209**, and if you desaturate by 10%, it is **86.2504, 85.4271, 106.5509**.

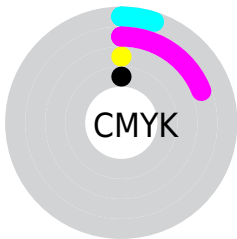
Distribution



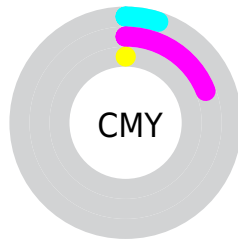
- Red (95%)
- Green (81%)
- Blue (100%)



- Red (95%)
- Yellow (81%)
- Blue (100%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3250, 70.9003, 104.2174 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 77.3250, 70.9003, 104.2174 by changing the saturation by 10% instead.

77.3250, 70.9003,
104.2174

77.3250, 70.9003,
104.2174

474.7464,
463.7048, 594.9928

57.8205, 52.2608,
79.1909

128.5686,
120.4918, 169.0431

41.9071, 37.2130,
58.5305

161.0383,
152.2125, 209.6794

29.2193, 25.3725,
41.8178

198.5606,
189.0625, 256.3560

19.3919, 16.3548,
28.6341

241.5007,
231.4262, 309.4915

12.0595, 9.7755,
18.5610

290.2239,
279.6878, 369.5043

6.8567, 5.2504,
11.1799

345.0957,

3.4182, 2.3949,

334.2319, 436.8132

6.0723

406.4814,
395.4428, 511.8365

■ 1.3786, 0.8233,
2.8196

■ 0.2409, 0.0000,
1.0033

■ 77.3250, 70.9003,
104.2174

■ 77.3250, 70.9003,
104.2174

■ 69.4776, 58.4141,
102.2209

■ 86.2504, 85.4271,
106.5509

■ 62.6537, 47.8636,
100.5441

95.0500, 100.0000,
108.9000

■ 56.8028, 39.1479,
99.1702

■ 51.8673, 32.1532,
98.0802

■ 47.7835, 26.7531,
97.2531

■ 44.4786, 22.8031,
96.6649

■ 41.8663, 20.1321,
96.2870

■ 39.8222, 18.4924,
96.0783

■ 39.5998, 18.3293,
96.0585

Harmonies

Analogous

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



71.4266, 70.9003, 117.3343



77.3250, 70.9003, 104.2174



80.6410, 70.9003, 84.9651

Triad

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



77.3250, 70.9003, 104.2174



70.0486, 70.9003, 46.7140



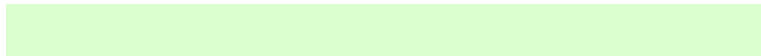
55.9894, 70.9003, 89.1037

Complementary

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



77.3250, 70.9003, 104.2174



76.2375, 91.0858, 72.5980

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.



55.6740, 70.9003, 69.9200



77.3250, 70.9003, 104.2174



63.5058, 70.9003, 47.4503

Square

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



77.3250, 70.9003, 104.2174



76.2595, 70.9003, 53.0968



58.3421, 70.9003, 55.3063



59.2338, 70.9003, 107.6716

Rectangle

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



77.3250, 70.9003, 104.2174



80.8058, 70.9003, 72.1659



58.3421, 70.9003, 55.3063



55.5454, 70.9003, 82.4596

Sweetspot

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



77.3270, 70.9033, 104.2179



88.9687, 89.9055, 107.2721



69.1161, 71.1513, 104.6985



18.9066, 19.0183, 22.9244



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.



77.3270, 70.9033, 104.2179



73.9191, 65.4425, 103.3434



79.7320, 72.3593, 94.5595



18.3232, 18.0583, 22.7698



20.8356, 9.6516, 50.1994



2.1285, 0.9912, 4.8924

Inverse Universe

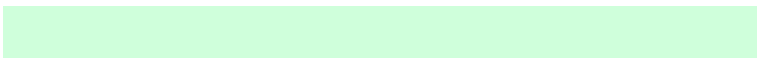
The Inverse Universe completely reimagines the original color for something new.



76.3407, 71.0028, 76.7014



72.8183, 65.6017, 70.4601



74.2803, 89.9008, 80.4582



18.1956, 18.0616, 19.6472



22.0784, 11.3206, 3.7972



2.1912, 1.1188, 0.5882

Previews

White Background



This preview shows how the XYZ color 77.3250, 70.9003, 104.2174 looks on a white background.

Color Contrast Check

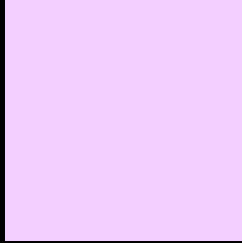
Large Text (above 18pt) WCAG AA × Fail

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 77.3250, 70.9003, 104.2174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

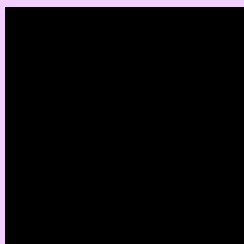
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3250, 70.9003, 104.2174

Background



This preview shows how black text looks on a background with the XYZ color 77.3250, 70.9003, 104.2174.

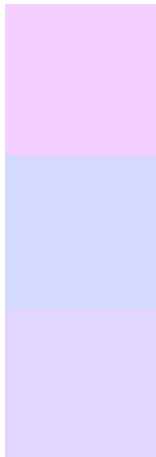


This preview shows how white text looks on a background with the XYZ color 77.3250, 70.9003,

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

77.3250, 70.9003, 104.2174

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.6764, 71.0962, 103.6584



Tritanopia

73.1437, 71.0391, 83.2556

Trichromacy



Original Color

77.3250, 70.9003, 104.2174

Protanomaly

72.5280, 71.0011, 104.4897

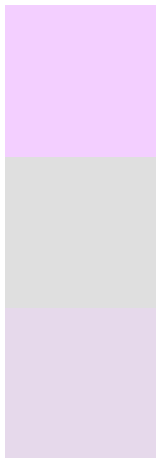
Deuteranomaly

74.1387, 70.7332, 103.5113

Tritanomaly

74.4144, 70.7915, 90.6310

Monochromacy



Original Color

77.3250, 70.9003, 104.2174

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.4414, 72.4469, 88.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3250, 70.9003, 104.2174 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(243, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 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(243, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.3250, 70.9003, 104.2174 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(243, 207, 255) }
```


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

```
.border{ border-color:rgb(243, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3250, 70.9003, 104.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 255) }
```

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

```
.background{ background-color: rgb(243,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor