

Converting Colors

XYZ(77.1852, 76.0887,
105.2262)

Have a look what the booklet for
XYZ(77.1852, 76.0887, 105.2262)
contains.

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Color

**XYZ(77.1852, 76.0887,
105.2262)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DDFF
RGB	232, 221, 255
RGB Percent	91%, 87%, 100%
CMY	0.0902, 0.1333, 0.0000
CMYK	0.09, 0.13, 0.00, 0.00
HSL	259°, 100%, 93%
HSV	259°, 13%, 100%
XYZ	77.1852, 76.0887, 105.2262
YIQ	228.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

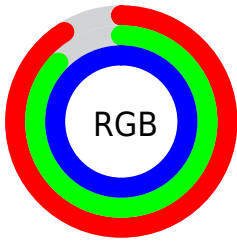
Format	Color
R _Y B	232, 221, 255
Decimal	15261183
CIE _{Lab}	89.90, 10.01, -15.15
CIE _{LCh}	90, 18.159, 303.469
Y _{xy}	76.0887, 0.2986, 0.2943
Android (android.graphics.Color)	4293451263 (0xFFE8DDFF)
YUV	228.1650, 13.2297, 3.3633
Hunter-Lab	87.2288, 5.2968, -10.4627

Details

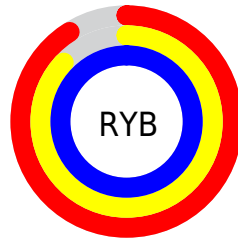
The XYZ color **77.1852, 76.0887, 105.2262** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.1211, 95.9743, 82.3961**, and the grayscale version is **73.7739, 77.6159, 84.5237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7338, 40.5798, 59.0592** is the 20% darker color. If you saturate the color by 10%, you get **65.6299, 60.8864, 102.9009**, and if you desaturate by 10%, it is **90.3169, 93.6256, 107.9191**.

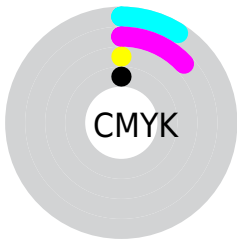
Distribution



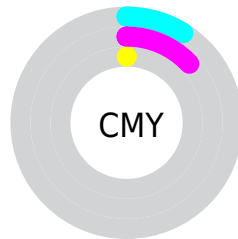
- Red (91%)
- Green (87%)
- Blue (100%)



- Red (91%)
- Yellow (87%)
- Blue (100%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1852, 76.0887, 105.2262 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 77.1852, 76.0887, 105.2262 by changing the saturation by 10% instead.

77.1852, 76.0887,
105.2262

77.1852, 76.0887,
105.2262

474.2775,
481.6513, 598.2107

57.7053, 56.5052,
80.0312

128.3723,
127.8523, 170.4351

41.8141, 40.6082,
59.2177

160.8103,
160.8012, 211.2861

29.1463, 28.0130,
42.3672

198.2984,
198.9741, 258.1927

19.3363, 18.3355,
29.0612

241.2019,
242.7552, 311.5737

12.0190, 11.1911,
18.8812

289.8862,
292.5292, 371.8474

6.8289, 6.1955,
11.4085

344.7167,

3.4007, 2.9643,

348.6802, 439.4324

6.2247

406.0587,
411.5928, 514.7474

■ 1.3690, 1.1131,
2.9112

■ 0.2340, 0.0000,
1.0495

■ 77.1852, 76.0887,
105.2262

■ 77.1852, 76.0887,
105.2262

■ 65.6299, 60.8864,
102.9009

■ 90.3169, 93.6256,
107.9191

■ 55.5829, 47.9094,
100.9256

95.0500, 100.0000,
108.9000

■ 46.9805, 37.0532,
99.2836

■ 39.7514, 28.2013,
97.9560

■ 33.8181, 21.2256,
96.9223

■ 29.0944, 15.9827,
96.1593

■ 25.4825, 12.3075,
95.6402

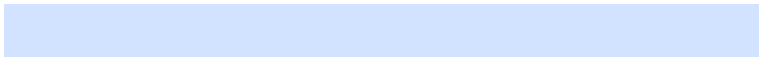
■ 22.8661, 10.0005,
95.3328

■ 21.5725, 9.0359,
95.2149

Harmonies

Analogous

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



72.8435, 76.0887, 110.0521



77.1852, 76.0887, 105.2262



80.3204, 76.0887, 94.3872

Triad

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



77.1852, 76.0887, 105.2262



76.2444, 76.0887, 62.6412



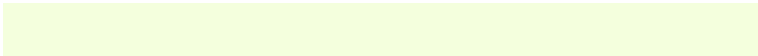
64.0422, 76.0887, 84.3523

Complementary

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



77.1852, 76.0887, 105.2262



86.1211, 95.9743, 82.3961

Split Complementary

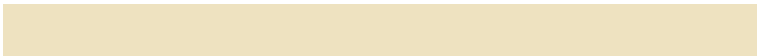
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.8693, 76.0887, 72.2892



77.1852, 76.0887, 105.2262



71.7991, 76.0887, 60.5421

Square

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



77.1852, 76.0887, 105.2262



79.7617, 76.0887, 69.9495



67.6637, 76.0887, 63.8907



65.3563, 76.0887, 97.2413

Rectangle

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



77.1852, 76.0887, 105.2262



81.2386, 76.0887, 85.6913



67.6637, 76.0887, 63.8907



64.0793, 76.0887, 80.0677

Sweetspot

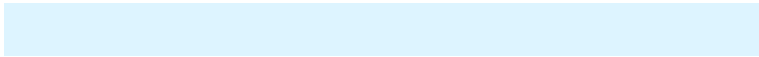
The Sweet Spot groups the original color and five complimentary colors.



77.1873, 76.0918, 105.2267



89.3887, 92.3785, 107.7273



80.2918, 87.4358, 107.2527



18.9112, 19.4753, 23.0123



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.



77.1873, 76.0918, 105.2267



73.9516, 71.8102, 104.5708



82.8920, 79.0327, 105.4937



17.5562, 17.6630, 22.7339



11.4099, 4.7925, 49.7583



1.2196, 0.5227, 4.8499

Inverse Universe

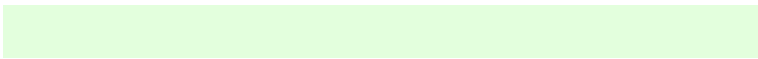
The Inverse Universe completely reimagines the original color for something new.



83.4274, 79.5075, 96.5396



81.3344, 75.8533, 94.2025



80.5654, 93.1103, 82.1361



18.5280, 18.1945, 21.3977



25.5367, 12.7040, 22.0084



2.5365, 1.2570, 2.4067

Previews

White Background



This preview shows how the XYZ color 77.1852, 76.0887, 105.2262 looks on a white background.

Color Contrast Check

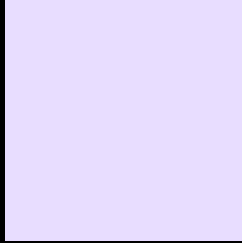
Large Text (above 18pt) WCAG AA × Fail

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 77.1852, 76.0887, 105.2262 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 77.1852, 76.0887, 105.2262

Background



This preview shows how black text looks on a background with the XYZ color 77.1852, 76.0887, 105.2262.

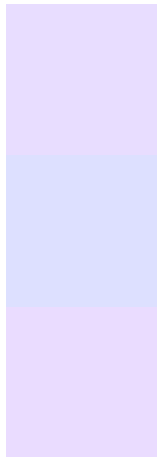


This preview shows how white text looks on a background with the XYZ color 77.1852, 76.0887,

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

77.1852, 76.0887, 105.2262

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

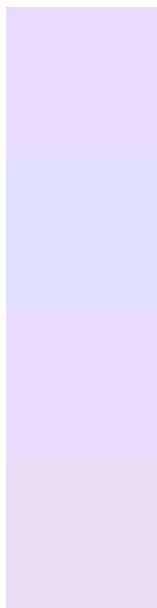
77.5749, 75.8988, 105.1690



Tritanopia

74.8980, 75.9492, 93.9312

Trichromacy



Original Color

77.1852, 76.0887, 105.2262

Protanomaly

75.4890, 76.0029, 105.2991

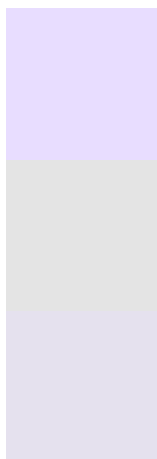
Deuteranomaly

77.2475, 75.7300, 105.1537

Tritanomaly

75.7108, 75.8853, 97.8457

Monochromacy



Original Color

77.1852, 76.0887, 105.2262

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6709, 76.6815, 91.7543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1852, 76.0887, 105.2262 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(232, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 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(232, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.1852, 76.0887, 105.2262 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(232, 221, 255) }
```


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

```
.border{ border-color:rgb(232, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1852, 76.0887, 105.2262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 255) }
```

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

```
.background{ background-color: rgb(232,  
221, 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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