

Converting Colors

XYZ(88.7238, 75.5304,
170.2264)

Have a look what the booklet for
XYZ(88.7238, 75.5304, 170.2264)
contains.

XYZ(76.2025, 70.6825, 104.2345)	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(76.2025, 70.6825,
104.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD0FF
RGB	239, 208, 255
RGB Percent	94%, 82%, 100%
CMY	0.0627, 0.1843, 0.0000
CMYK	0.06, 0.18, 0.00, 0.00
HSL	280°, 100%, 91%
HSV	280°, 18%, 100%
XYZ	76.2025, 70.6825, 104.2345
YIQ	222.6270, 3.3890, 21.1890

Conversions

Conversions Part 2

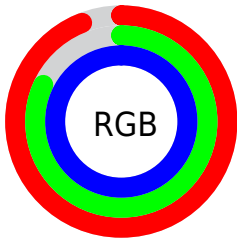
Format	Color
R _Y B	239, 208, 255
Decimal	15716607
CIE Lab	87.33, 19.10, -18.96
CIE LCh	87, 26.913, 315.222
Yxy	70.6825, 0.3035, 0.2815
Android (android.graphics.Color)	4293906687 (0xFFEFD0FF)
YUV	222.6270, 15.9599, 14.3591
Hunter-Lab	84.0729, 14.6624, -14.6574

Details

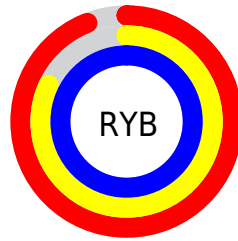
The XYZ color **76.2025, 70.6825, 104.2345** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8873, 91.9222, 73.3156**, and the grayscale version is **69.7652, 73.3985, 79.9309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2771, 37.2557, 58.4416** is the 20% darker color. If you saturate the color by 10%, you get **67.6180, 57.7595, 102.1926**, and if you desaturate by 10%, it is **85.9312, 85.6829, 106.6171**.

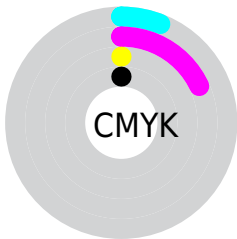
Distribution



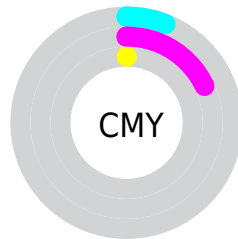
- Red (94%)
- Green (82%)
- Blue (100%)



- Red (94%)
- Yellow (82%)
- Blue (100%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2025, 70.6825, 104.2345 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 76.2025, 70.6825, 104.2345 by changing the saturation by 10% instead.

76.2025, 70.6825,
104.2345

76.2025, 70.6825,
104.2345

470.9744,
462.9428, 595.0475

56.8962, 52.0831,
79.2051

126.9919,
120.1815, 169.0667

41.1617, 37.0713,
58.5422

159.2058,
151.8500, 209.7066

28.6337, 25.2627,
41.8271

196.4529,
188.6436, 256.3872

18.9468, 16.2729,
28.6414

239.0986,
230.9468, 309.5268

11.7356, 9.7175,
18.5664

287.5082,
279.1439, 369.5441

6.6348, 5.2120,
11.1838

342.0472,

3.2791, 2.3722,

333.6193, 436.8576

6.0749

403.0807,
394.7575, 511.8859

■ 1.3030, 0.8115,
2.8211

■ 0.1855, 0.0000,
1.0040

■ 76.2025, 70.6825,
104.2345

■ 76.2025, 70.6825,
104.2345

■ 67.6180, 57.7595,
102.1926

■ 85.9312, 85.6829,
106.6171

■ 60.1221, 46.8086,
100.4739

95.0500, 100.0000,
108.9000

■ 53.6632, 37.7288,
99.0618

■ 48.1830, 30.4060,
97.9372

■ 43.6164, 24.7136,
97.0791

■ 39.8898, 20.5073,
96.4636

■ 36.9163, 17.6167,
96.0624

■ 34.5752, 15.8036,
95.8358

■ 34.2395, 15.5660,
95.8077

Harmonies

Analogous

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



70.4302, 70.6825, 115.7595



76.2025, 70.6825, 104.2345



79.6586, 70.6825, 86.2047

Triad

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



76.2025, 70.6825, 104.2345



70.3360, 70.6825, 47.9230



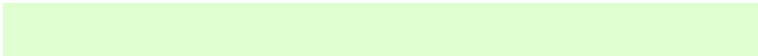
56.1023, 70.6825, 86.4871

Complementary

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



76.2025, 70.6825, 104.2345



77.8873, 91.9222, 73.3156

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.



56.0806, 70.6825, 68.4033



76.2025, 70.6825, 104.2345



64.0344, 70.6825, 47.9741

Square

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



76.2025, 70.6825, 104.2345



76.1298, 70.6825, 54.7631



58.9023, 70.6825, 54.9159



58.9636, 70.6825, 104.4690

Rectangle

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



76.2025, 70.6825, 104.2345



80.0539, 70.6825, 73.8300



58.9023, 70.6825, 54.9159



55.7689, 70.6825, 80.1797

Sweetspot

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



76.2045, 70.6854, 104.2350



88.4715, 89.6492, 107.2488



70.8416, 74.1861, 105.1933



18.7889, 18.9577, 22.9189



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.



76.2045, 70.6854, 104.2350



73.0101, 65.8370, 103.4675



80.7328, 73.1486, 98.6309



18.1569, 17.9726, 22.7620



18.0570, 8.2192, 50.0693



1.8751, 0.8606, 4.8806

Inverse Universe

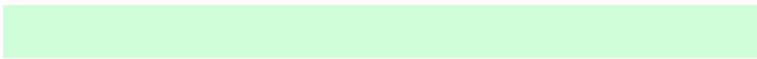
The Inverse Universe completely reimagines the original color for something new.



77.2522, 71.7564, 80.3021



74.2950, 67.1227, 75.3683



74.0467, 89.8398, 77.7649



18.2645, 18.0891, 20.0101



22.5060, 11.4917, 6.0490



2.2401, 1.1384, 0.8457

Previews

White Background



This preview shows how the XYZ color 76.2025, 70.6825, 104.2345 looks on a white background.

Color Contrast Check

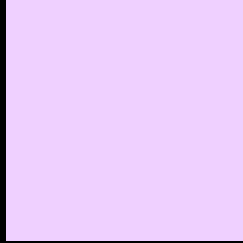
Large Text (above 18pt) WCAG AA × Fail

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 76.2025, 70.6825, 104.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

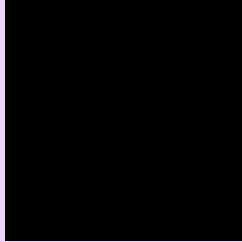
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2025, 70.6825, 104.2345

Background



This preview shows how black text looks on a background with the XYZ color 76.2025, 70.6825, 104.2345.

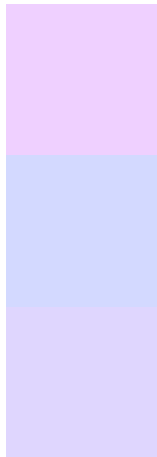


This preview shows how white text looks on a background with the XYZ color 76.2025, 70.6825,

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

76.2025, 70.6825, 104.2345

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

72.3674, 70.9369, 103.6439



Tritanopia

72.1981, 70.9078, 84.0101

Trichromacy



Original Color

76.2025, 70.6825, 104.2345

Protanomaly

71.9154, 70.6853, 104.4610

Deuteranomaly

73.7460, 70.9007, 103.5643

Tritanomaly

73.3190, 70.5944, 90.6507

Monochromacy



Original Color

76.2025, 70.6825, 104.2345

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.3799, 72.7990, 88.8340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2025, 70.6825, 104.2345 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(239, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 208, 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(239, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.2025, 70.6825, 104.2345 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(239, 208, 255) }
```


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

```
.border{ border-color:rgb(239, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2025, 70.6825, 104.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 208, 255) }
```

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

```
.background{ background-color: rgb(239,  
208, 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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