

Converting Colors

XYZ(86.5376, 80.7044,
142.5523)

Have a look what the booklet for
XYZ(86.5376, 80.7044, 142.5523)
contains.

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Color

**XYZ(79.6976, 78.1725,
105.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDFFF
RGB	238, 223, 255
RGB Percent	93%, 87%, 100%
CMY	0.0667, 0.1255, 0.0000
CMYK	0.07, 0.13, 0.00, 0.00
HSL	268°, 100%, 94%
HSV	268°, 13%, 100%
XYZ	79.6976, 78.1725, 105.4960
YIQ	231.1330, -1.3320, 13.1320

Conversions

Conversions Part 2

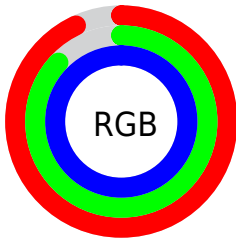
Format	Color
R_{YB}	238, 223, 255
Decimal	15654911
CIE _{Lab}	90.86, 10.89, -13.67
CIE _{LCh}	91, 17.475, 308.558
Yxy	78.1725, 0.3026, 0.2968
Android (android.graphics.Color)	4293844991 (0xFFEEDFFF)
YUV	231.1330, 11.7664, 6.0224
Hunter-Lab	88.4152, 6.1735, -8.8535

Details

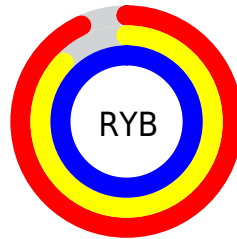
The XYZ color **79.6976, 78.1725, 105.4960** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0163, 95.3738, 83.7440**, and the grayscale version is **75.9724, 79.9289, 87.0426**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4871, 42.0276, 59.2462** is the 20% darker color. If you saturate the color by 10%, you get **69.0128, 63.3024, 103.1890**, and if you desaturate by 10%, it is **91.7549, 95.2774, 108.1621**.

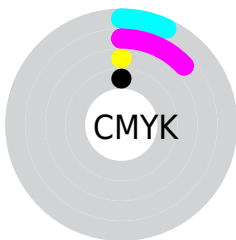
Distribution



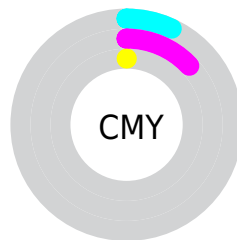
- Red (93%)
- Green (87%)
- Blue (100%)



- Red (93%)
- Yellow (87%)
- Blue (100%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6976, 78.1725, 105.4960 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 79.6976, 78.1725, 105.4960 by changing the saturation by 10% instead.

79.6976, 78.1725,
105.4960

79.6976, 78.1725,
105.4960

482.6652,
488.7525, 599.0698

59.7772, 58.2157,
80.2560

131.8932,
130.7933, 170.8072

43.4878, 41.9821,
59.4016

164.8992,
164.2260, 211.7154

30.4642, 29.0873,
42.5144

202.9976,
202.9195, 258.6834

20.3410, 19.1468,
29.1757

246.5539,
247.2582, 312.1298

12.7529, 11.7764,
18.9670

295.9335,
297.6264, 372.4731

7.3344, 6.5916,
11.4699

351.5017,

3.7203, 3.2081,

354.4086, 440.1319

6.2657

413.6238,
417.9892, 515.5246

■ 1.5451, 1.2413,
2.9359

■ 0.3562, 0.0950,
1.0620

■ 79.6976, 78.1725,
105.4960

■ 79.6976, 78.1725,
105.4960

■ 69.0128, 63.3024,
103.1890

■ 91.7549, 95.2774,
108.1621

■ 59.6409, 50.5623,
101.2238

95.0500, 100.0000,
108.9000

■ 51.5272, 39.8529,
99.5843

■ 44.6102, 31.0632,
98.2523

■ 38.8227, 24.0713,
97.2078

■ 34.0900, 18.7407,
96.4283

■ 30.3267, 14.9141,
95.8880

■ 27.4310, 12.4019,
95.5558

■ 25.7300, 11.1792,
95.4094

Harmonies

Analogous

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



75.5662, 78.1725, 111.3841



79.6976, 78.1725, 105.4960



82.4536, 78.1725, 94.2812

Triad

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



79.6976, 78.1725, 105.4960



77.4353, 78.1725, 64.5043



66.2475, 78.1725, 88.7719

Complementary

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



79.6976, 78.1725, 105.4960



85.0163, 95.3738, 83.7440

Split Complementary

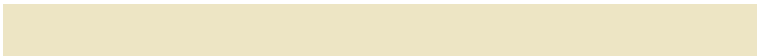
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.7036, 78.1725, 76.5660



79.6976, 78.1725, 105.4960



73.0492, 78.1725, 63.3420

Square

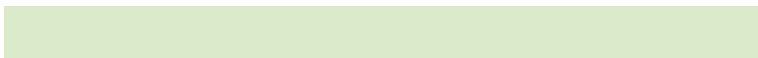
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6976, 78.1725, 105.4960



81.1120, 78.1725, 70.8948



69.1530, 78.1725, 67.5468



67.8816, 78.1725, 101.1234

Rectangle

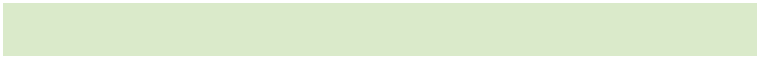
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6976, 78.1725, 105.4960



83.0797, 78.1725, 85.7276



69.1530, 78.1725, 67.5468



66.1628, 78.1725, 84.5085

Sweetspot

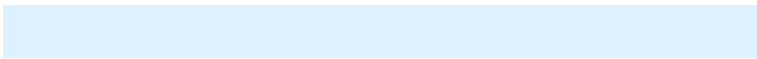
The Sweet Spot groups the original color and five complimentary colors.



79.6997, 78.1757, 105.4965



89.9163, 92.6505, 107.7520



79.6635, 85.2697, 106.8677



19.0446, 19.5440, 23.0186



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.



79.6997, 78.1757, 105.4965



76.9534, 74.3245, 104.8979



85.2878, 81.0565, 105.7581



17.8126, 17.7951, 22.7459



13.6134, 5.9285, 49.8614



1.4503, 0.6416, 4.8607

Inverse Universe

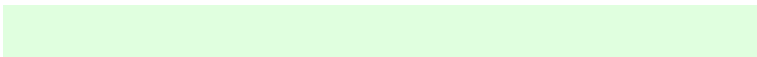
The Inverse Universe completely reimagines the original color for something new.



83.3578, 80.3297, 93.5524



81.2849, 76.8755, 90.7296



79.8428, 92.7068, 83.5019



18.4127, 18.1484, 20.7905



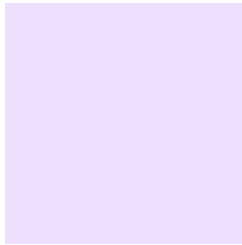
23.9276, 12.0603, 13.5349



2.3850, 1.1964, 1.6087

Previews

White Background



This preview shows how the XYZ color 79.6976, 78.1725, 105.4960 looks on a white background.

Color Contrast Check

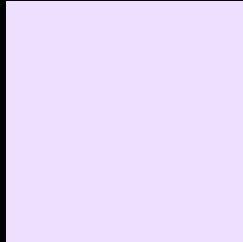
Large Text (above 18pt) WCAG AA × Fail

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 79.6976, 78.1725, 105.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

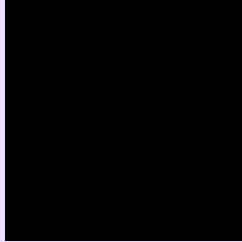
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6976, 78.1725, 105.4960

Background



This preview shows how black text looks on a background with the XYZ color 79.6976, 78.1725, 105.4960.

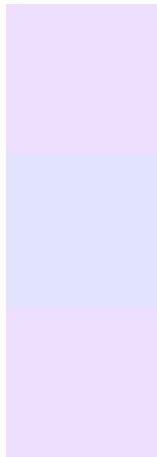


This preview shows how white text looks on a background with the XYZ color 79.6976, 78.1725,

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

79.6976, 78.1725, 105.4960

Protanopia

76.5704, 78.1657, 105.6595

Deuteranopia

80.0343, 78.3461, 105.5118



Tritanopia

77.6949, 78.1544, 95.7844

Trichromacy



Original Color

79.6976, 78.1725, 105.4960

Protanomaly

77.8795, 78.4357, 105.6427

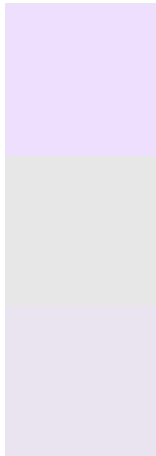
Deuteranomaly

80.0343, 78.3461, 105.5118

Tritanomaly

78.3692, 78.0312, 98.9267

Monochromacy



Original Color

79.6976, 78.1725, 105.4960

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.4033, 79.2705, 93.6592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6976, 78.1725, 105.4960 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(238, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 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(238, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6976, 78.1725, 105.4960 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(238, 223, 255) }
```


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

```
.border{ border-color:rgb(238, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6976, 78.1725, 105.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 255) }
```

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

```
.background{ background-color: rgb(238,  
223, 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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