

Converting Colors

XYZ(79.5572, 76.3034,
112.7190)

Have a look what the booklet for
XYZ(79.5572, 76.3034, 112.7190)
contains.

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Color

**XYZ(78.3066, 75.8876,
105.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDBFF
RGB	237, 219, 255
RGB Percent	93%, 86%, 100%
CMY	0.0706, 0.1412, 0.0000
CMYK	0.07, 0.14, 0.00, 0.00
HSL	270°, 100%, 93%
HSV	270°, 14%, 100%
XYZ	78.3066, 75.8876, 105.1283
YIQ	228.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

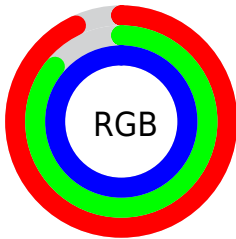
Format	Color
R _Y B	237, 219, 255
Decimal	15588351
CIE Lab	89.81, 12.67, -15.25
CIE LCh	90, 19.822, 309.714
Yxy	75.8876, 0.3020, 0.2926
Android (android.graphics.Color)	4293778431 (0xFFEDDBFF)
YUV	228.4860, 13.0714, 7.4668
Hunter-Lab	87.1135, 8.0056, -10.5716

Details

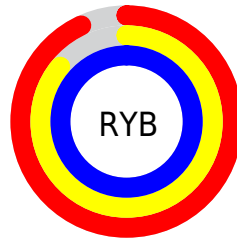
The XYZ color **78.3066, 75.8876, 105.1283** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.4731, 94.6399, 80.8894**, and the grayscale version is **74.0082, 77.8624, 84.7922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5246, 40.4519, 58.9928** is the 20% darker color. If you saturate the color by 10%, you get **68.0504, 61.4713, 102.8862**, and if you desaturate by 10%, it is **89.8887, 92.5042, 107.7252**.

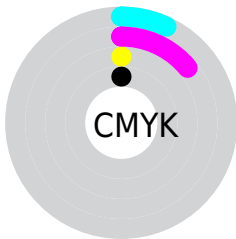
Distribution



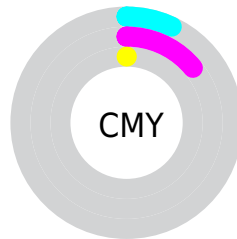
- Red (93%)
- Green (86%)
- Blue (100%)



- Red (93%)
- Yellow (86%)
- Blue (100%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3066, 75.8876, 105.1283 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 78.3066, 75.8876, 105.1283 by changing the saturation by 10% instead.

78.3066, 75.8876,
105.1283

78.3066, 75.8876,
105.1283

478.0314,
480.9628, 597.8989

58.6295, 56.3403,
79.9496

129.9453,
127.5680, 170.3001

42.5602, 40.4759,
59.1509

162.6377,
160.4700, 211.1302

29.7332, 27.9098,
42.3138

200.3992,
198.5923, 258.0146

19.7832, 18.2576,
29.0197

243.5952,
242.3193, 311.3718

12.3449, 11.1351,
18.8500

292.5911,
292.0355, 371.6202

7.0529, 6.1578,
11.3862

347.7521,

3.5418, 2.9413,

348.1252, 439.1785

6.2098

409.4438,
410.9729, 514.4652

■ 1.4464, 1.1011,
2.9022

■ 0.2889, 0.0000,
1.0449

■ 78.3066, 75.8876,
105.1283

■ 78.3066, 75.8876,
105.1283

■ 68.0504, 61.4713,
102.8862

■ 89.8887, 92.5042,
107.7252

■ 59.0614, 49.1503,
100.9818

95.0500, 100.0000,
108.9000

■ 51.2854, 38.8248,
99.3986

■ 44.6617, 30.3830,
98.1183

■ 39.1233, 23.7016,
97.1206

■ 34.5958, 18.6422,
96.3826

■ 30.9933, 15.0444,
95.8781

■ 28.2123, 12.7126,
95.5746

■ 26.8764, 11.7702,
95.4631

Harmonies

Analogous

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



73.7274, 75.8876, 112.1223



78.3066, 75.8876, 105.1283



81.3149, 75.8876, 92.3235

Triad

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



78.3066, 75.8876, 105.1283



75.4390, 75.8876, 59.8519



63.2503, 75.8876, 87.2572

Complementary

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



78.3066, 75.8876, 105.1283



83.4731, 94.6399, 80.8894

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.



63.6621, 75.8876, 73.6375



78.3066, 75.8876, 105.1283



70.5536, 75.8876, 58.8219

Square

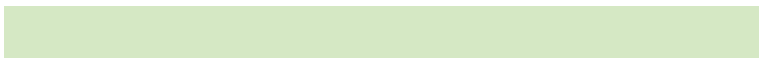
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3066, 75.8876, 105.1283



79.6081, 75.8876, 66.5858



66.2849, 75.8876, 63.5928



65.1334, 75.8876, 101.0613

Rectangle

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



78.3066, 75.8876, 105.1283



81.9483, 75.8876, 82.7633



66.2849, 75.8876, 63.5928



63.1270, 75.8876, 82.4943

Sweetspot

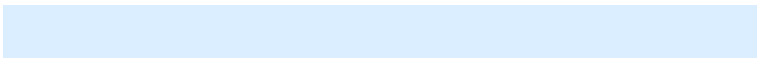
The Sweet Spot groups the original color and five complimentary colors.



78.3087, 75.8907, 105.1288



90.0304, 92.7094, 107.7573



77.7240, 83.1988, 106.5702



19.0734, 19.5589, 23.0199



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.



78.3087, 75.8907, 105.1288



75.2163, 71.5104, 104.4463



84.4026, 79.0323, 105.4140



17.8684, 17.8239, 22.7485



14.2157, 6.2389, 49.8896



1.5101, 0.6724, 4.8635

Inverse Universe

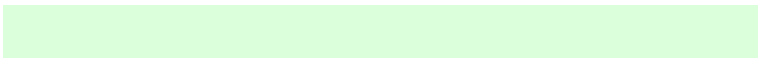
The Inverse Universe completely reimagines the original color for something new.



81.8595, 78.0405, 90.8722



79.4507, 74.0740, 87.4452



77.9428, 91.7889, 80.6306



18.3882, 18.1386, 20.6614



23.6430, 11.9465, 12.0366



2.3572, 1.1852, 1.4622

Previews

White Background



This preview shows how the XYZ color 78.3066, 75.8876, 105.1283 looks on a white background.

Color Contrast Check

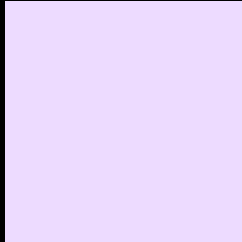
Large Text (above 18pt) WCAG AA × Fail

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 78.3066, 75.8876, 105.1283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

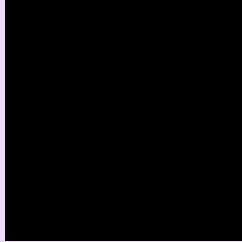
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3066, 75.8876, 105.1283

Background



This preview shows how black text looks on a background with the XYZ color 78.3066, 75.8876, 105.1283.

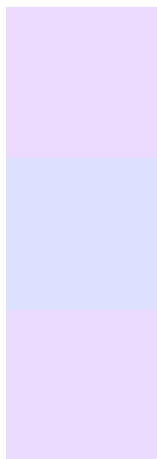


This preview shows how white text looks on a background with the XYZ color 78.3066, 75.8876,

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

78.3066, 75.8876, 105.1283

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

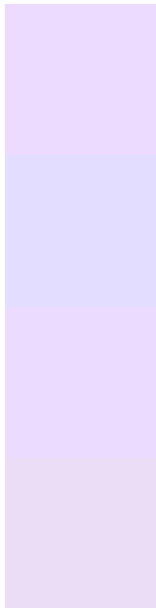
77.5749, 75.8988, 105.1690



Tritanopia

75.6329, 75.9670, 92.3382

Trichromacy



Original Color

78.3066, 75.8876, 105.1283

Protanomaly

75.8498, 75.7934, 105.2396

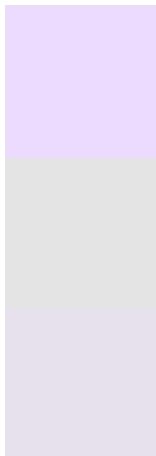
Deuteranomaly

77.9041, 76.0686, 105.1845

Tritanomaly

76.5988, 75.9676, 97.0122

Monochromacy



Original Color

78.3066, 75.8876, 105.1283

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3128, 77.0124, 91.7844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3066, 75.8876, 105.1283 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(237, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 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(237, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.3066, 75.8876, 105.1283 is called "border". The border property can be set on classes, ids or directly on the HTML element.

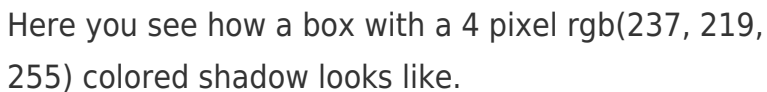
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 219, 255) }
```


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

```
.border{ border-color:rgb(237, 219, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3066, 75.8876, 105.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 255) }
```

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

```
.background{ background-color: rgb(237,  
219, 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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