

Converting Colors

XYZ(88.7794, 79.5747,
156.0937)

Have a look what the booklet for
XYZ(88.7794, 79.5747, 156.0937)
contains.

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Color

**XYZ(78.7980, 75.3710,
105.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9FF
RGB	240, 217, 255
RGB Percent	94%, 85%, 100%
CMY	0.0588, 0.1490, 0.0000
CMYK	0.06, 0.15, 0.00, 0.00
HSL	276°, 100%, 93%
HSV	276°, 15%, 100%
XYZ	78.7980, 75.3710, 105.0027
YIQ	228.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

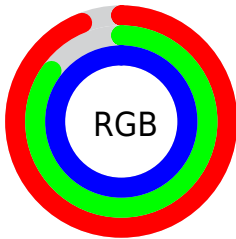
Format	Color
R _Y B	240, 217, 255
Decimal	15784447
CIE Lab	89.57, 14.68, -15.58
CIE LCh	90, 21.410, 313.291
Yxy	75.3710, 0.3040, 0.2908
Android (android.graphics.Color)	4293974527 (0xFFFF0D9FF)
YUV	228.2090, 13.2080, 10.3407
Hunter-Lab	86.8165, 10.0847, -10.9385

Details

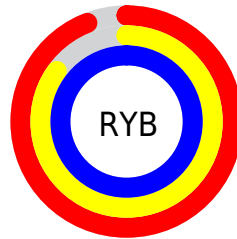
The XYZ color **78.7980, 75.3710, 105.0027** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5650, 93.6865, 79.4338**, and the grayscale version is **73.8032, 77.6467, 84.5572**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8805, 40.1082, 58.9077** is the 20% darker color. If you saturate the color by 10%, you get **69.4037, 61.5148, 102.8233**, and if you desaturate by 10%, it is **89.4015, 91.3621, 107.5304**.

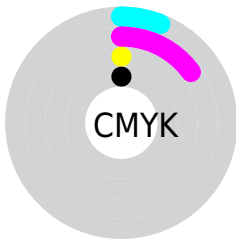
Distribution



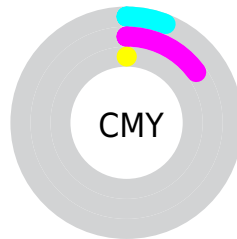
- Red (94%)
- Green (85%)
- Blue (100%)



- Red (94%)
- Yellow (85%)
- Blue (100%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.7980, 75.3710, 105.0027 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 78.7980, 75.3710, 105.0027 by changing the saturation by 10% instead.

78.7980, 75.3710,
105.0027

78.7980, 75.3710,
105.0027

479.6712,
479.1918, 597.4986

59.0348, 55.9169,
79.8449

130.6339,
126.8374, 170.1268

42.8876, 40.1363,
59.0654

163.4373,
159.6184, 210.9303

29.9911, 27.6448,
42.2454

201.3181,
197.6106, 257.7861

19.9799, 18.0581,
28.9665

244.6417,
241.1983, 311.1127

12.4886, 10.9917,
18.8101

293.7734,
290.7658, 371.3287

7.1519, 6.0613,
11.3577

349.0787,

3.6045, 2.8824,

346.6977, 438.8527

6.1908

410.9228,
409.3782, 514.1031

■ 1.4809, 1.0706,
2.8908

■ 0.3128, 0.0000,
1.0391

■ 78.7980, 75.3710,
105.0027

■ 78.7980, 75.3710,
105.0027

■ 69.4037, 61.5148,
102.8233

■ 89.4015, 91.3621,
107.5304

■ 61.1630, 49.6897,
100.9752

95.0500, 100.0000,
108.9000

■ 54.0246, 39.7971,
99.4419

■ 47.9307, 31.7260,
98.2052

■ 42.8178, 25.3541,
97.2448

■ 38.6143, 20.5434,
96.5378

■ 35.2375, 17.1336,
96.0576

■ 32.5861, 14.9274,
95.7715

■ 31.4411, 14.1234,
95.6767

Harmonies

Analogous

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



73.9879, 75.3710, 113.6011



78.7980, 75.3710, 105.0027



81.7662, 75.3710, 90.6776

Triad

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



78.7980, 75.3710, 105.0027



74.5848, 75.3710, 57.3360



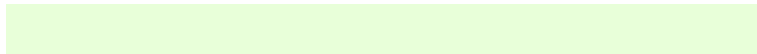
62.2402, 75.3710, 88.9058

Complementary

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



78.7980, 75.3710, 105.0027



81.5650, 93.6865, 79.4338

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.



62.3825, 75.3710, 74.0180



78.7980, 75.3710, 105.0027



69.3382, 75.3710, 56.9846

Square

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



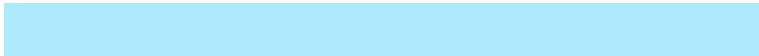
78.7980, 75.3710, 105.0027



79.2534, 75.3710, 63.7665



64.9252, 75.3710, 62.7396



64.5265, 75.3710, 103.5695

Rectangle

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



78.7980, 75.3710, 105.0027



82.2151, 75.3710, 80.4149



64.9252, 75.3710, 62.7396



62.0091, 75.3710, 83.7399

Sweetspot

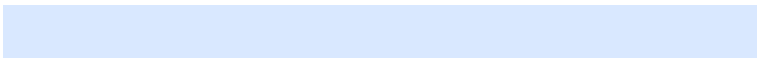
The Sweet Spot groups the original color and five complimentary colors.



78.8000, 75.3741, 105.0032



90.4161, 92.9082, 107.7754



75.5808, 79.8003, 106.0272



19.1711, 19.6093, 23.0245



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.



78.8000, 75.3741, 105.0032



75.7604, 70.8541, 104.2909



83.4985, 77.8662, 102.0615



18.0580, 17.9216, 22.7574



16.6014, 7.4688, 50.0012



1.7394, 0.7906, 4.8742

Inverse Universe

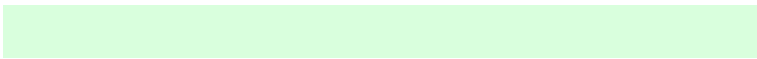
The Inverse Universe completely reimagines the original color for something new.



80.6203, 76.7150, 86.9051



77.9604, 72.4682, 82.7104



77.4021, 91.4826, 81.8488



18.3063, 18.1058, 20.2303



22.8358, 11.6236, 7.7859



2.2754, 1.1525, 1.0316

Previews

White Background



This preview shows how the XYZ color 78.7980, 75.3710, 105.0027 looks on a white background.

Color Contrast Check

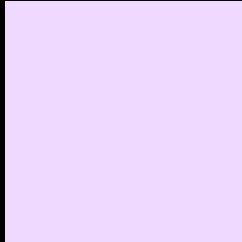
Large Text (above 18pt) WCAG AA × Fail

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 78.7980, 75.3710, 105.0027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

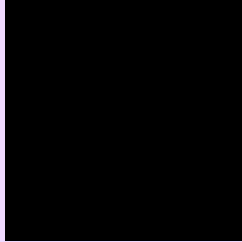
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

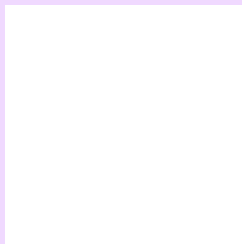
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7980, 75.3710, 105.0027

Background



This preview shows how black text looks on a background with the XYZ color 78.7980, 75.3710, 105.0027.

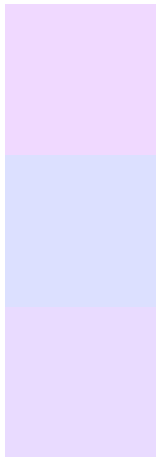


This preview shows how white text looks on a background with the XYZ color 78.7980, 75.3710,

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

78.7980, 75.3710, 105.0027

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

76.9858, 75.2067, 105.0665



Tritanopia

75.8043, 75.3053, 90.6608

Trichromacy



Original Color

78.7980, 75.3710, 105.0027

Protanomaly

75.5850, 75.2638, 105.1513

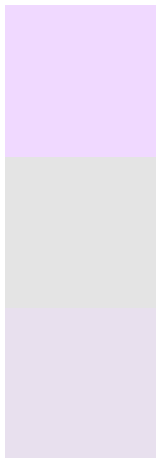
Deuteranomaly

77.7135, 75.1957, 105.0260

Tritanomaly

76.9205, 75.3718, 96.0820

Monochromacy



Original Color

78.7980, 75.3710, 105.0027

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.3670, 76.6402, 91.7097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7980, 75.3710, 105.0027 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(240, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 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(240, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.7980, 75.3710, 105.0027 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(240, 217, 255) }
```


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

```
.border{ border-color:rgb(240, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7980, 75.3710, 105.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 255) }
```

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

```
.background{ background-color: rgb(240,  
217, 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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