

Converting Colors

XYZ(79.4890, 78.6567,
105.6005)

Have a look what the booklet for
XYZ(79.4890, 78.6567, 105.6005)
contains.

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Color

**XYZ(79.2977, 78.3642,
105.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0FF
RGB	236, 224, 255
RGB Percent	93%, 88%, 100%
CMY	0.0745, 0.1215, 0.0000
CMYK	0.07, 0.12, 0.00, 0.00
HSL	263°, 100%, 94%
HSV	263°, 12%, 100%
XYZ	79.2977, 78.3642, 105.5541
YIQ	231.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

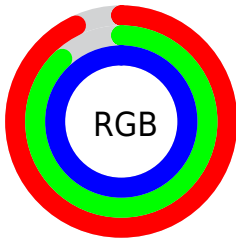
Format	Color
RYB	236, 224, 255
Decimal	15524095
CIELab	90.95, 9.73, -13.55
CIELCh	91, 16.681, 305.669
Yxy	78.3642, 0.3013, 0.2977
Android (android.graphics.Color)	4293714175 (0xFFECE0FF)
YUV	231.1220, 11.7719, 4.2780
Hunter-Lab	88.5236, 4.9806, -8.7300

Details

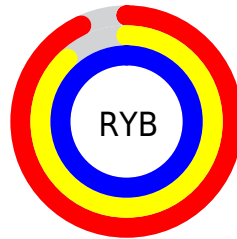
The XYZ color **79.2977, 78.3642, 105.5541** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.1787, 95.9574, 84.5044**, and the grayscale version is **75.9650, 79.9211, 87.0340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2034, 42.1564, 59.2860** is the 20% darker color. If you saturate the color by 10%, you get **67.9876, 63.1133, 103.2065**, and if you desaturate by 10%, it is **92.0939, 95.9111, 108.2666**.

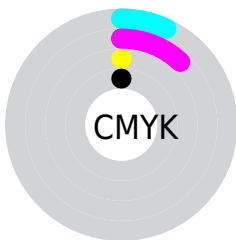
Distribution



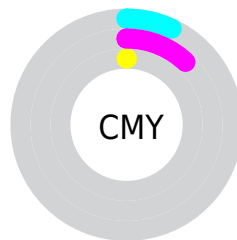
- Red (93%)
- Green (88%)
- Blue (100%)



- Red (93%)
- Yellow (88%)
- Blue (100%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2977, 78.3642, 105.5541 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 79.2977, 78.3642, 105.5541 by changing the saturation by 10% instead.

79.2977, 78.3642,
105.5541

79.2977, 78.3642,
105.5541

481.3355,
489.4028, 599.2547

59.4471, 58.3732,
80.3044

131.3336,
131.0634, 170.8873

43.2209, 42.1088,
59.4412

164.2496,
164.5404, 211.8078

30.2537, 29.1865,
42.5461

202.2514,
203.2815, 258.7891

20.1803, 19.2219,
29.2004

245.7044,
247.6712, 312.2496

12.6352, 11.8307,
18.9856

294.9740,
298.0937, 372.6078

7.2531, 6.6285,
11.4831

350.4255,

3.6686, 3.2309,

354.9336, 440.2824

6.2745

412.4242,
418.5751, 515.6919

■ 1.5164, 1.2534,
2.9413

■ 0.3370, 0.1047,
1.0647

■ 79.2977, 78.3642,
105.5541

■ 79.2977, 78.3642,
105.5541

■ 67.9876, 63.1133,
103.2065

■ 92.0939, 95.9111,
108.2666

■ 58.1002, 50.0516,
101.2065

95.0500, 100.0000,
108.9000

■ 49.5763, 39.0780,
99.5376

■ 42.3503, 30.0796,
98.1816

■ 36.3503, 22.9322,
97.1182

■ 31.4968, 17.4975,
96.3250

■ 27.6993, 13.6162,
95.7760

■ 24.8508, 11.0974,
95.4400

■ 23.1626, 9.8556,
95.2893

Harmonies

Analogous

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



75.2844, 78.3642, 110.5052



79.2977, 78.3642, 105.5541



82.0958, 78.3642, 95.2260

Triad

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



79.2977, 78.3642, 105.5541



77.8641, 78.3642, 65.9170



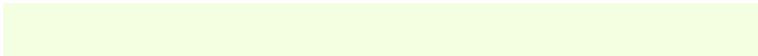
66.7230, 78.3642, 87.6332

Complementary

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



79.2977, 78.3642, 105.5541



86.1787, 95.9574, 84.5044

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.



67.3556, 78.3642, 76.1358



79.2977, 78.3642, 105.5541



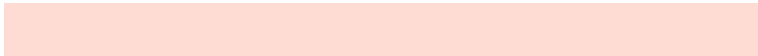
73.6870, 78.3642, 64.2942

Square

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



79.2977, 78.3642, 105.5541



81.2466, 78.3642, 72.5225



69.8669, 78.3642, 67.8616



68.1053, 78.3642, 99.5526

Rectangle

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



79.2977, 78.3642, 105.5541



82.8397, 78.3642, 87.0861



69.8669, 78.3642, 67.8616



66.7077, 78.3642, 83.5884

Sweetspot

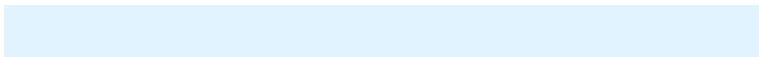
The Sweet Spot groups the original color and five complimentary colors.



79.2998, 78.3674, 105.5546



89.6190, 92.4973, 107.7381



80.8783, 87.2405, 107.1841



18.9694, 19.5053, 23.0151



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.



79.2998, 78.3674, 105.5546



75.9328, 73.7983, 104.8501



84.6293, 81.1149, 105.8040



17.6678, 17.7205, 22.7391



12.2573, 5.2294, 49.7979



1.3112, 0.5699, 4.8542

Inverse Universe

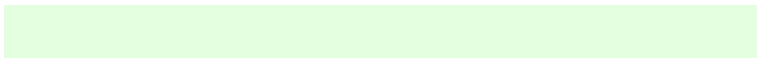
The Inverse Universe completely reimagines the original color for something new.



84.0753, 81.0455, 96.0090



81.7457, 77.0598, 93.1559



81.0902, 93.3343, 84.2663



18.4773, 18.1742, 21.1306



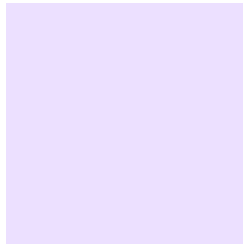
24.7730, 12.3985, 17.9871



2.4656, 1.2286, 2.0332

Previews

White Background



This preview shows how the XYZ color 79.2977, 78.3642, 105.5541 looks on a white background.

Color Contrast Check

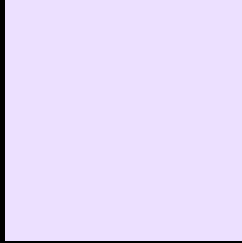
Large Text (above 18pt) WCAG AA × Fail

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 79.2977, 78.3642, 105.5541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

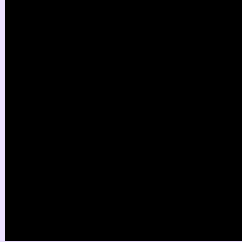
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2977, 78.3642, 105.5541

Background



This preview shows how black text looks on a background with the XYZ color 79.2977, 78.3642, 105.5541.

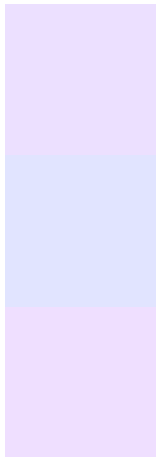


This preview shows how white text looks on a background with the XYZ color 79.2977, 78.3642,

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

79.2977, 78.3642, 105.5541

Protanopia

76.8447, 78.7144, 105.7510

Deuteranopia

80.0343, 78.3461, 105.5118



Tritanopia

77.4572, 78.4168, 96.6415

Trichromacy



Original Color

79.2977, 78.3642, 105.5541

Protanomaly

77.8322, 78.8162, 105.7186

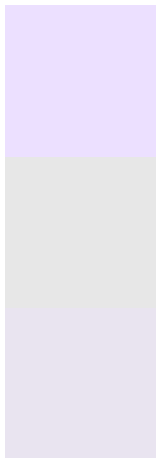
Deuteranomaly

79.6976, 78.1725, 105.4960

Tritanomaly

78.1294, 78.2899, 99.8005

Monochromacy



Original Color

79.2977, 78.3642, 105.5541

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0759, 79.1017, 93.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2977, 78.3642, 105.5541 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(236, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 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(236, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.2977, 78.3642, 105.5541 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(236, 224, 255) }
```


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

```
.border{ border-color:rgb(236, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 224, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 224, 255); box-shadow:4px 4px 4px 4px rgb(236, 224, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2977, 78.3642, 105.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 255) }
```

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

```
.background{ background-color: rgb(236,  
224, 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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