

Converting Colors

XYZ(107.3916, 89.8947,
263.8142)

Have a look what the booklet for
XYZ(107.3916, 89.8947, 263.8142)
contains.

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Color

**XYZ(77.2883, 77.7284,
105.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E1FF
RGB	229, 225, 255
RGB Percent	90%, 88%, 100%
CMY	0.1020, 0.1176, 0.0000
CMYK	0.10, 0.12, 0.00, 0.00
HSL	248°, 100%, 94%
HSV	248°, 12%, 100%
XYZ	77.2883, 77.7284, 105.5373
YIQ	229.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

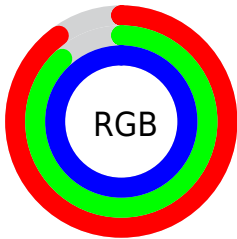
Format	Color
R_{YB}	229, 225, 255
Decimal	15065599
CIE _{Lab}	90.66, 6.97, -14.04
CIE _{LCh}	91, 15.674, 296.389
Yxy	77.7284, 0.2966, 0.2983
Android (android.graphics.Color)	4293255679 (0xFFE5E1FF)
YUV	229.6160, 12.5143, -0.5402
Hunter-Lab	88.1637, 2.1947, -9.2591

Details

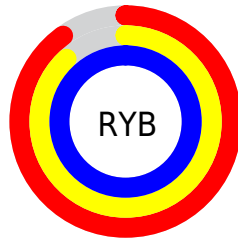
The XYZ color **77.2883, 77.7284, 105.5373** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1360, 97.4663, 85.3527**, and the grayscale version is **74.8463, 78.7441, 85.7523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8013, 41.7109, 59.2739** is the 20% darker color. If you saturate the color by 10%, you get **64.2941, 61.5507, 103.0996**, and if you desaturate by 10%, it is **92.2140, 96.4341, 108.3612**.

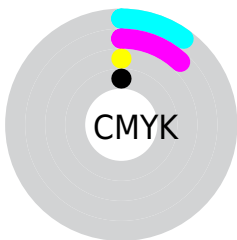
Distribution



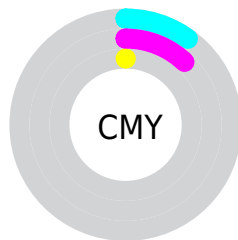
- Red (90%)
- Green (88%)
- Blue (100%)



- Red (90%)
- Yellow (88%)
- Blue (100%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2883, 77.7284, 105.5373 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 77.2883, 77.7284, 105.5373 by changing the saturation by 10% instead.

■ 77.2883, 77.7284,
105.5373

■ 77.2883, 77.7284,
105.5373

474.6233,
487.2439, 599.2013

■ 57.7903, 57.8509,
80.2904

128.5170,
130.1672, 170.8641

■ 41.8827, 41.6888,
59.4298

160.9785,
163.4972, 211.7811

■ 29.2001, 28.8577,
42.5369

198.4918,
202.0803, 258.7585

■ 19.3773, 18.9732,
29.1932

241.4222,
246.3007, 312.2150

■ 12.0489, 11.6509,
18.9802

290.1353,
296.5429, 372.5689

■ 6.8494, 6.5064,
11.4793

344.9962,

■ 3.4136, 3.1554,

353.1912, 440.2389

6.2720

406.3705,
416.6301, 515.6435

■ 1.3761, 1.2134,
2.9397

■ 0.2391, 0.0726,
1.0639

■ 77.2883, 77.7284,
105.5373

■ 77.2883, 77.7284,
105.5373

■ 64.2941, 61.5507,
103.0996

■ 92.2140, 96.4341,
108.3612

■ 53.1460, 47.7833,
101.0297

95.0500, 100.0000,
108.9000

■ 43.7615, 36.3131,
99.3104

■ 36.0493, 27.0144,
97.9220

■ 29.9098, 19.7492,
96.8433

■ 25.2328, 14.3634,
96.0502

■ 21.8932, 10.6810,
95.5155

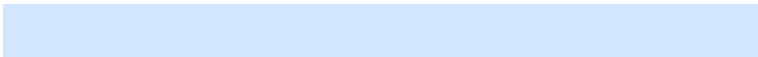
■ 19.7441, 8.4916,
95.2061

■ 18.7091, 7.5598,
95.0808

Harmonies

Analogous

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



73.4036, 77.7284, 108.1210



77.2883, 77.7284, 105.5373



80.3521, 77.7284, 97.1868

Triad

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



77.2883, 77.7284, 105.5373



78.1409, 77.7284, 67.8588



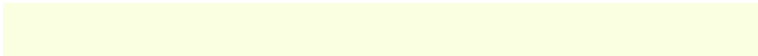
66.5906, 77.7284, 83.2773

Complementary

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



77.2883, 77.7284, 105.5373



89.1360, 97.4663, 85.3527

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.



67.7623, 77.7284, 73.2097



77.2883, 77.7284, 105.5373



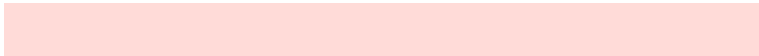
74.3555, 77.7284, 64.8197

Square

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



77.2883, 77.7284, 105.5373



80.8565, 77.7284, 75.3739



70.5705, 77.7284, 66.6892



67.3140, 77.7284, 94.6209

Rectangle

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



77.2883, 77.7284, 105.5373



81.4689, 77.7284, 89.8287



70.5705, 77.7284, 66.6892



66.7748, 77.7284, 79.6417

Sweetspot

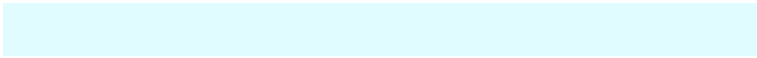
The Sweet Spot groups the original color and five complimentary colors.



77.2904, 77.7316, 105.5378



88.7038, 92.0255, 107.6952



83.7567, 92.5359, 108.0545



18.7384, 19.3862, 23.0042



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.



77.2904, 77.7316, 105.5378



74.2181, 73.8962, 104.9594



82.1122, 80.2173, 105.7635



17.2280, 17.4938, 22.7186



9.8445, 3.9855, 49.6850



1.0247, 0.4221, 4.8407

Inverse Universe

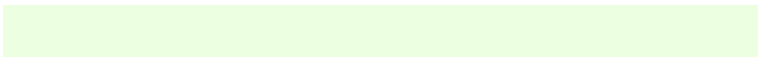
The Inverse Universe completely reimagines the original color for something new.



85.5796, 82.0784, 102.6014



83.9433, 78.9971, 101.4658



84.1107, 94.8756, 85.1176



18.6824, 18.2563, 22.2105



28.4101, 13.8533, 37.1398



2.7938, 1.3599, 3.7618

Previews

White Background



This preview shows how the XYZ color 77.2883, 77.7284, 105.5373 looks on a white background.

Color Contrast Check

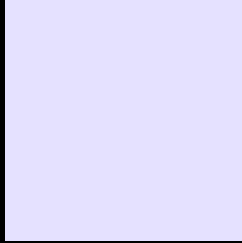
Large Text (above 18pt) WCAG AA × Fail

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 77.2883, 77.7284, 105.5373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

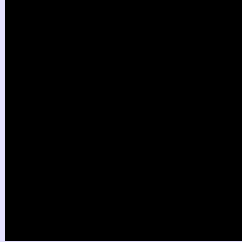
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2883, 77.7284, 105.5373

Background



This preview shows how black text looks on a background with the XYZ color 77.2883, 77.7284, 105.5373.

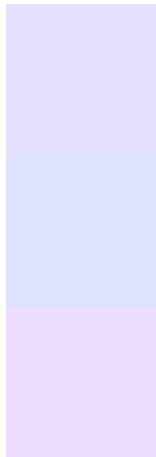


This preview shows how white text looks on a background with the XYZ color 77.2883, 77.7284,

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

77.2883, 77.7284, 105.5373

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

79.0963, 77.4671, 105.3916



Tritanopia

75.6291, 77.8616, 97.4289

Trichromacy



Original Color

77.2883, 77.7284, 105.5373

Protanomaly

76.6104, 77.7815, 105.5833

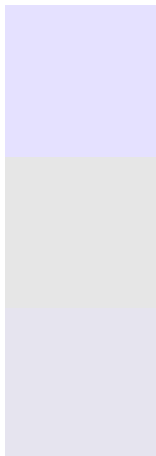
Deuteranomaly

78.3694, 77.4878, 105.4339

Tritanomaly

76.2901, 77.7262, 100.6043

Monochromacy



Original Color

77.2883, 77.7284, 105.5373

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9565, 78.5418, 92.8181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2883, 77.7284, 105.5373 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(229, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 225, 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(229, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.2883, 77.7284, 105.5373 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(229, 225, 255) }
```


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

```
.border{ border-color:rgb(229, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2883, 77.7284, 105.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 225, 255) }
```

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

```
.background{ background-color: rgb(229,  
225, 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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