

Converting Colors

XYZ(77.6334, 77.7078,
105.5151)

Have a look what the booklet for
XYZ(77.6334, 77.7078, 105.5151)
contains.

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Color

**XYZ(77.6083, 77.8934,
105.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1FF
RGB	230, 225, 255
RGB Percent	90%, 88%, 100%
CMY	0.0980, 0.1176, 0.0000
CMYK	0.10, 0.12, 0.00, 0.00
HSL	250°, 100%, 94%
HSV	250°, 12%, 100%
XYZ	77.6083, 77.8934, 105.5523
YIQ	229.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

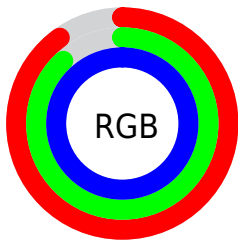
Format	Color
R _Y B	230, 225, 255
Decimal	15131135
CIE Lab	90.73, 7.28, -13.92
CIE LCh	91, 15.711, 297.624
Yxy	77.8934, 0.2973, 0.2984
Android (android.graphics.Color)	4293321215 (0xFFE6E1FF)
YUV	229.9150, 12.3669, 0.0745
Hunter-Lab	88.2572, 2.5124, -9.1285

Details

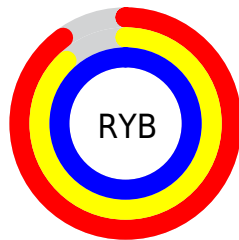
The XYZ color **77.6083, 77.8934, 105.5523** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.7768, 97.2811, 85.3360**, and the grayscale version is **75.0677, 78.9771, 86.0061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0233, 41.8253, 59.2843** is the 20% darker color. If you saturate the color by 10%, you get **64.8137, 61.8186, 103.1239**, and if you desaturate by 10%, it is **92.2681, 96.4621, 108.3637**.

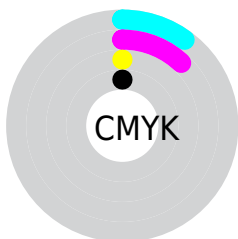
Distribution



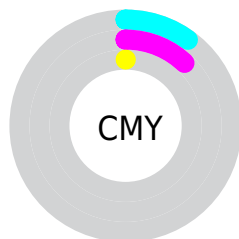
- Red (90%)
- Green (88%)
- Blue (100%)



- 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 77.6083, 77.8934, 105.5523 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 77.6083, 77.8934, 105.5523 by changing the saturation by 10% instead.

77.6083, 77.8934,
105.5523

77.6083, 77.8934,
105.5523

475.6957,
487.8047, 599.2490

58.0539, 57.9864,
80.3029

128.9661,
130.3998, 170.8848

42.0954, 41.7977,
59.4400

161.5002,
163.7681, 211.8050

29.3675, 28.9429,
42.5451

199.0917,
202.3922, 258.7858

19.5047, 19.0377,
29.1996

242.1057,
246.6566, 312.2459

12.1417, 11.6975,
18.9850

290.9078,
296.9456, 372.6037

6.9131, 6.5380,
11.4827

345.8633,

3.4537, 3.1749,

353.6437, 440.2778

6.2743

407.3375,
417.1353, 515.6867

■ 1.3980, 1.2237,
2.9411

■ 0.2548, 0.0810,
1.0646

■ 77.6083, 77.8934,
105.5523

■ 77.6083, 77.8934,
105.5523

■ 64.8137, 61.8186,
103.1239

■ 92.2681, 96.4621,
108.3637

■ 53.8026, 48.1218,
101.0605

95.0500, 100.0000,
108.9000

■ 44.4968, 36.6923,
99.3448

■ 36.8096, 27.4064,
97.9576

■ 30.6465, 20.1289,
96.8778

■ 25.9029, 14.7089,
96.0816

■ 22.4606, 10.9736,
95.5420

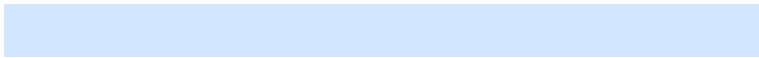
■ 20.1809, 8.7167,
95.2266

■ 19.0246, 7.7224,
95.0956

Harmonies

Analogous

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



73.7213, 77.8934, 108.4214



77.6083, 77.8934, 105.5523



80.6279, 77.8934, 96.9848

Triad

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



77.6083, 77.8934, 105.5523



78.1717, 77.8934, 67.7573



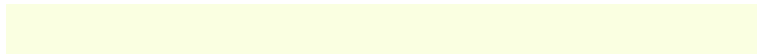
66.7124, 77.8934, 83.9153

Complementary

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



77.6083, 77.8934, 105.5523



88.7768, 97.2811, 85.3360

Split Complementary

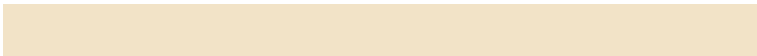
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.8123, 77.8934, 73.7042



77.6083, 77.8934, 105.5523



74.3502, 77.8934, 64.9070

Square

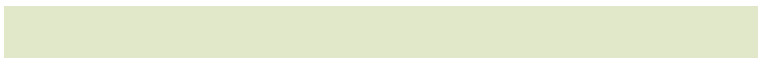
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6083, 77.8934, 105.5523



80.9612, 77.8934, 75.1338



70.5738, 77.8934, 66.9849



67.5161, 77.8934, 95.2890

Rectangle

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



77.6083, 77.8934, 105.5523



81.6941, 77.8934, 89.5542



70.5738, 77.8934, 66.9849



66.8709, 77.8934, 80.2415

Sweetspot

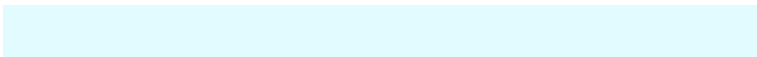
The Sweet Spot groups the original color and five complimentary colors.



77.6104, 77.8966, 105.5528



88.8233, 92.0871, 107.7008



83.4444, 91.9113, 107.9504



18.7686, 19.4018, 23.0057



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.



77.6104, 77.8966, 105.5528



74.5883, 74.0870, 104.9767



82.4592, 80.3963, 105.7797



17.2849, 17.5231, 22.7212



10.0228, 4.0774, 49.6933



1.0513, 0.4359, 4.8420

Inverse Universe

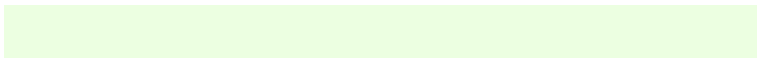
The Inverse Universe completely reimagines the original color for something new.



85.4225, 82.0156, 101.7735



83.7570, 78.9226, 100.4848



83.7787, 94.7045, 85.1021



18.6551, 18.2453, 22.0667



27.8407, 13.6256, 34.1413



2.7437, 1.3399, 3.4979

Previews

White Background



This preview shows how the XYZ color 77.6083, 77.8934, 105.5523 looks on a white background.

Color Contrast Check

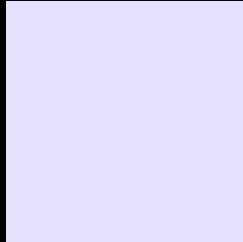
Large Text (above 18pt) WCAG AA × Fail

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 77.6083, 77.8934, 105.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

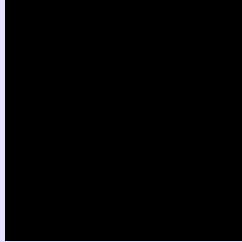
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6083, 77.8934, 105.5523

Background



This preview shows how black text looks on a background with the XYZ color 77.6083, 77.8934, 105.5523.



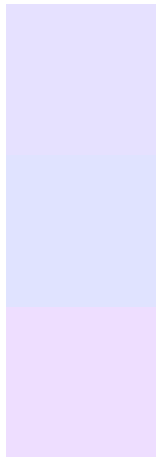
This preview shows how white text looks on a background with the XYZ color 77.6083, 77.8934,

105.5523.

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

77.6083, 77.8934, 105.5523

Protanopia

76.2596, 78.0055, 105.6450

Deuteranopia

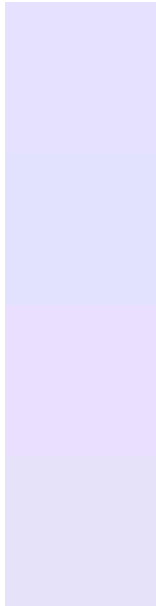
79.4312, 77.6397, 105.4072



Tritanopia

75.9454, 78.0247, 97.4437

Trichromacy



Original Color

77.6083, 77.8934, 105.5523

Protanomaly

76.6104, 77.7815, 105.5833

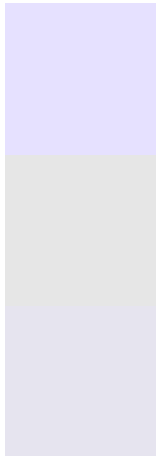
Deuteranomaly

78.6986, 77.6575, 105.4493

Tritanomaly

76.6083, 77.8903, 100.6192

Monochromacy



Original Color

77.6083, 77.8934, 105.5523

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 77.6083, 77.8934, 105.5523 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(230, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.6083, 77.8934, 105.5523 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(230, 225, 255) }
```


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

```
.border{ border-color:rgb(230, 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(230, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6083, 77.8934, 105.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 255) }
```

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

```
.background{ background-color: rgb(230,  
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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