

Converting Colors

XYZ(75.9763, 77.7497,
103.4511)

Have a look what the booklet for
XYZ(75.9763, 77.7497, 103.4511)
contains.

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Color

**XYZ(76.0911, 77.9740,
103.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E3FC
RGB	225, 227, 252
RGB Percent	88%, 89%, 99%
CMY	0.1176, 0.1098, 0.0118
CMYK	0.11, 0.10, 0.00, 0.01
HSL	236°, 82%, 94%
HSV	236°, 11%, 99%
XYZ	76.0911, 77.9740, 103.1355
YIQ	229.2520, -9.2170, 7.3510

Conversions

Conversions Part 2

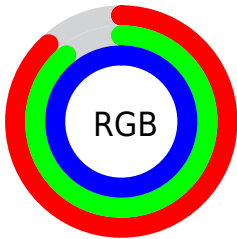
Format	Color
R _Y B	225, 227, 252
Decimal	14803964
CIE Lab	90.77, 4.06, -12.33
CIE LCh	91, 12.986, 288.222
Yxy	77.9740, 0.2958, 0.3032
Android (android.graphics.Color)	4292994044 (0xFFE1E3FC)
YUV	229.2520, 11.2148, -3.7290
Hunter-Lab	88.3029, -0.7156, -7.4372

Details

The XYZ color **76.0911, 77.9740, 103.1355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87.9214, 94.5023, 84.8425**, and the grayscale version is **74.5885, 78.4729, 85.4570**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1804, 41.9912, 57.5644** is the 20% darker color. If you saturate the color by 10%, you get **62.8531, 62.3117, 100.8113**, and if you desaturate by 10%, it is **91.3578, 95.9698, 105.8056**.

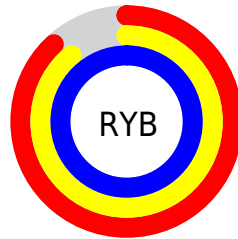
Distribution



Red (88%)

Green (89%)

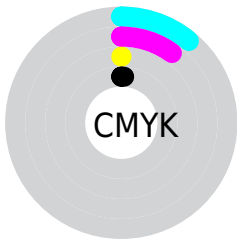
Blue (99%)



Red (88%)

Yellow (89%)

Blue (99%)

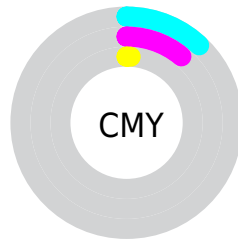


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (12%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0911, 77.9740, 103.1355 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 76.0911, 77.9740, 103.1355 by changing the saturation by 10% instead.

■ 76.0911, 77.9740,
103.1355

■ 76.0911, 77.9740,
103.1355

470.5991,
488.0785, 591.5316

■ 56.8045, 58.0526,
78.2903

126.8353,
130.5135, 167.5488

■ 41.0879, 41.8510,
57.7946

159.0237,
163.9003, 207.9539

■ 28.5757, 28.9846,
41.2299

196.2434,
202.5445, 254.3828

■ 18.9028, 19.0692,
28.1777

238.8598,
246.8304, 307.2538

■ 11.7036, 11.7203,
18.2195

287.2382,
297.1423, 366.9857

■ 6.6130, 6.5535,
10.9366

341.7440,

■ 3.2654, 3.1845,

353.8647, 433.9970

5.9106

402.7425,
417.3820, 508.7061

■ 1.2956, 1.2288,
2.7229

■ 0.1799, 0.0850,
0.9549

■ 76.0911, 77.9740,
103.1355

■ 76.0911, 77.9740,
103.1355

■ 62.8531, 62.3117,
100.8113

■ 91.3578, 95.9698,
105.8056

■ 51.5517, 48.8779,
98.8140

94.5709, 99.8084,
106.3772

■ 42.0980, 37.5743,
97.1304

■ 34.3936, 28.2912,
95.7447

■ 28.3307, 20.9092,
94.6393

■ 23.7896, 15.2963,
93.7953

■ 20.6344, 11.3035,
93.1909

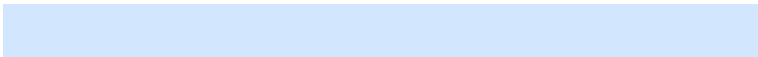
■ 18.7045, 8.7573,
92.8012

■ 17.7987, 7.4839,
92.6031

Harmonies

Analogous

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



72.8388, 77.9740, 103.7318



76.0911, 77.9740, 103.1355



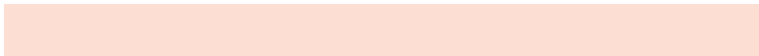
78.8895, 77.9740, 97.4422

Triad

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



76.0911, 77.9740, 103.1355



78.3707, 77.9740, 72.1942



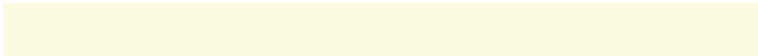
68.1385, 77.9740, 81.2857

Complementary

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



76.0911, 77.9740, 103.1355



87.9214, 94.5023, 84.8425

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.



69.5313, 77.9740, 73.4838



76.0911, 77.9740, 103.1355



75.3999, 77.9740, 68.4983

Square

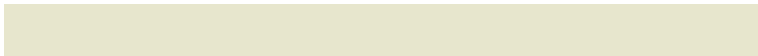
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



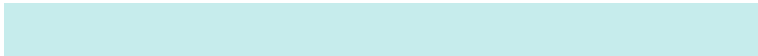
76.0911, 77.9740, 103.1355



80.2321, 77.9740, 79.4050



72.1674, 77.9740, 68.9524



68.3113, 77.9740, 90.6437

Rectangle

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



76.0911, 77.9740, 103.1355



80.0918, 77.9740, 91.7423



72.1674, 77.9740, 68.9524



68.4374, 77.9740, 78.4075

Sweetspot

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



76.0934, 77.9773, 103.1372



90.0734, 94.1420, 108.0316



83.0792, 92.5162, 103.7170



19.0017, 19.8232, 23.0747



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.



76.0934, 77.9773, 103.1372



74.8672, 76.2037, 105.3706



79.1725, 78.7559, 103.1252



16.3865, 16.8497, 21.7740



9.3098, 3.9752, 48.2502



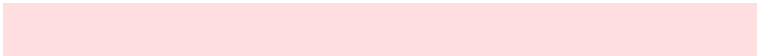
0.8970, 0.4376, 4.4804

Inverse Universe

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



80.9370, 80.0936, 83.8706



80.8180, 78.8215, 81.6957



84.5927, 93.7152, 84.8660



17.2968, 17.2461, 18.1530



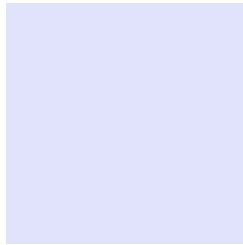
20.9912, 10.8122, 1.3961



1.9617, 1.0084, 0.2216

Previews

White Background



This preview shows how the XYZ color 76.0911, 77.9740, 103.1355 looks on a white background.

Color Contrast Check

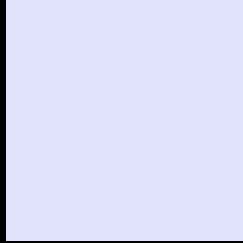
Large Text (above 18pt) WCAG AA × Fail

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 76.0911, 77.9740, 103.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

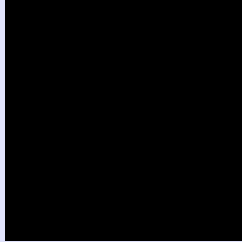
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0911, 77.9740, 103.1355

Background



This preview shows how black text looks on a background with the XYZ color 76.0911, 77.9740, 103.1355.



This preview shows how white text looks on a background with the XYZ color 76.0911, 77.9740,

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

76.0911, 77.9740, 103.1355

Protanopia

76.4038, 78.1352, 103.1501

Deuteranopia

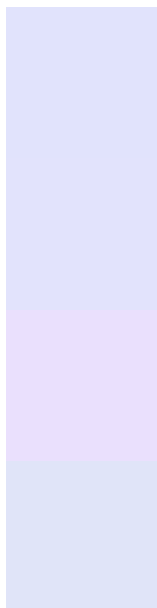
79.4475, 77.6851, 103.7359



Tritanopia

75.1184, 77.9879, 98.2828

Trichromacy



Original Color

76.0911, 77.9740, 103.1355

Protanomaly

76.4038, 78.1352, 103.1501

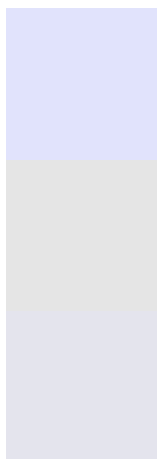
Deuteranomaly

78.3170, 77.8956, 103.8361

Tritanomaly

75.4271, 78.1114, 99.9085

Monochromacy



Original Color

76.0911, 77.9740, 103.1355

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.0244, 78.0952, 91.2404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0911, 77.9740, 103.1355 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(225, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 252)  
}
```

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(225, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.0911, 77.9740, 103.1355 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(225, 227, 252) }
```


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

```
.border{ border-color:rgb(225, 227, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0911, 77.9740, 103.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 252) }
```

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

```
.background{ background-color: rgb(225,  
227, 252) }
```

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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