

Converting Colors

XYZ(83.3877, 77.7686,
137.1550)

Have a look what the booklet for
XYZ(83.3877, 77.7686, 137.1550)
contains.

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Color

**XYZ(77.3132, 75.3755,
105.0818)**

Conversions

Conversions Part 1

Format	Color
Hex	EADBFF
RGB	234, 219, 255
RGB Percent	92%, 86%, 100%
CMY	0.0823, 0.1412, 0.0000
CMYK	0.08, 0.14, 0.00, 0.00
HSL	265°, 100%, 93%
HSV	265°, 14%, 100%
XYZ	77.3132, 75.3755, 105.0818
YIQ	227.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

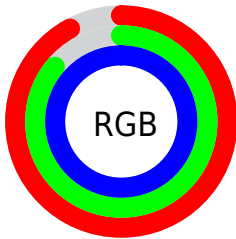
Format	Color
R _Y B	234, 219, 255
Decimal	15391743
CIE Lab	89.57, 11.70, -15.63
CIE LCh	90, 19.526, 306.824
Yxy	75.3755, 0.2999, 0.2924
Android (android.graphics.Color)	4293581823 (0xFFEADBFF)
YUV	227.5890, 13.5136, 5.6224
Hunter-Lab	86.8191, 7.0226, -10.9885

Details

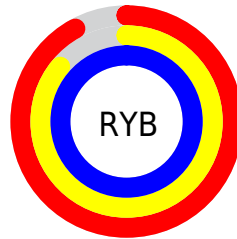
The XYZ color **77.3132, 75.3755, 105.0818** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.4832, 95.1606, 80.9366**, and the grayscale version is **73.3504, 77.1703, 84.0385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8286, 40.0931, 58.9602** is the 20% darker color. If you saturate the color by 10%, you get **66.4833, 60.6634, 102.8129**, and if you desaturate by 10%, it is **89.5763, 92.3432, 107.7106**.

Distribution



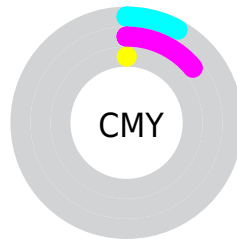
- Red (92%)
- Green (86%)
- Blue (100%)



- Red (92%)
- Yellow (86%)
- Blue (100%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3132, 75.3755, 105.0818 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 77.3132, 75.3755, 105.0818 by changing the saturation by 10% instead.

77.3132, 75.3755,
105.0818

77.3132, 75.3755,
105.0818

474.7068,
479.2072, 597.7507

57.8108, 55.9206,
79.9108

128.5520,
126.8438, 170.2359

41.8992, 40.1392,
59.1193

161.0191,
159.6259, 211.0562

29.2132, 27.6471,
42.2885

198.5385,
197.6192, 257.9300

19.3872, 18.0598,
29.0000

241.4755,
241.2080, 311.2759

12.0561, 10.9929,
18.8352

290.1954,
290.7769, 371.5123

6.8543, 6.0621,
11.3757

345.0637,

3.4167, 2.8829,

346.7101, 439.0579

6.2028

406.4457,
409.3921, 514.3312

■ 1.3778, 1.0709,
2.8980

■ 0.2403, 0.0000,
1.0428

■ 77.3132, 75.3755,
105.0818

■ 77.3132, 75.3755,
105.0818

■ 66.4833, 60.6634,
102.8129

■ 89.5763, 92.3432,
107.7106

■ 57.0241, 48.1000,
100.8865

95.0500, 100.0000,
108.9000

■ 48.8777, 37.5835,
99.2860

■ 41.9788, 28.9999,
97.9928

■ 36.2564, 22.2236,
96.9864

■ 31.6311, 17.1138,
96.2439

■ 28.0121, 13.5075,
95.7386

■ 25.2905, 11.2063,
95.4378

■ 24.0226, 10.2990,
95.3295

Harmonies

Analogous

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



72.7436, 75.3755, 111.1897



77.3132, 75.3755, 105.0818



80.4594, 75.3755, 92.9112

Triad

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



77.3132, 75.3755, 105.0818



75.3334, 75.3755, 60.1056



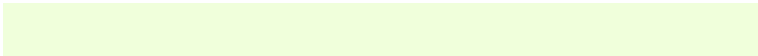
62.8695, 75.3755, 85.2496

Complementary

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



77.3132, 75.3755, 105.0818



84.4832, 95.1606, 80.9366

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.



63.4938, 75.3755, 72.1088



77.3132, 75.3755, 105.0818



70.5519, 75.3755, 58.5395

Square

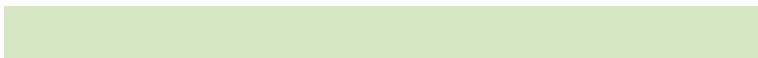
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



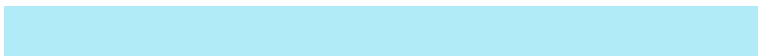
77.3132, 75.3755, 105.0818



79.2812, 75.3755, 67.2363



66.2554, 75.3755, 62.6917



64.5103, 75.3755, 98.9416

Rectangle

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



77.3132, 75.3755, 105.0818



81.2508, 75.3755, 83.5432



66.2554, 75.3755, 62.6917



62.8226, 75.3755, 80.6164

Sweetspot

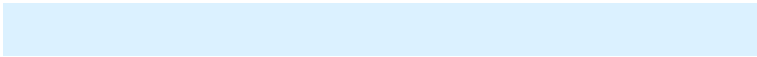
The Sweet Spot groups the original color and five complimentary colors.



77.3153, 75.3786, 105.0823



89.7266, 92.5527, 107.7431



78.6027, 84.9562, 106.8631



18.9966, 19.5193, 23.0163



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.



77.3153, 75.3786, 105.0823



74.0466, 70.9074, 104.3916



83.3110, 78.4695, 105.3629



17.7200, 17.7474, 22.7416



12.7129, 5.4642, 49.8192



1.3588, 0.5944, 4.8564

Inverse Universe

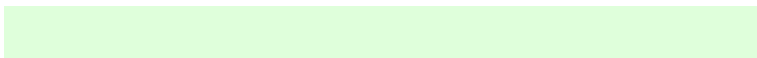
The Inverse Universe completely reimagines the original color for something new.



82.3016, 78.2173, 93.2004



79.9732, 74.2830, 90.1970



78.8567, 92.2600, 80.6733



18.4538, 18.1648, 21.0070



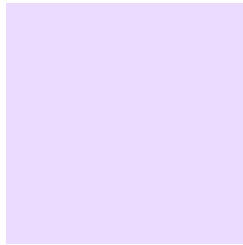
24.4495, 12.2691, 16.2831



2.4350, 1.2164, 1.8724

Previews

White Background



This preview shows how the XYZ color 77.3132, 75.3755, 105.0818 looks on a white background.

Color Contrast Check

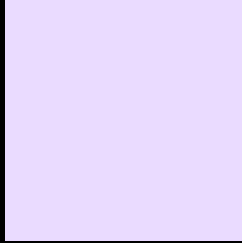
Large Text (above 18pt) WCAG AA × Fail

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 77.3132, 75.3755, 105.0818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

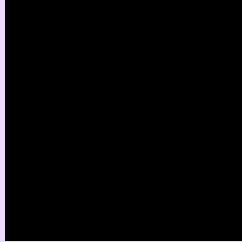
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3132, 75.3755, 105.0818

Background



This preview shows how black text looks on a background with the XYZ color 77.3132, 75.3755, 105.0818.

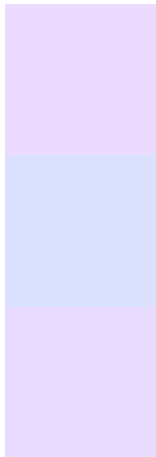


This preview shows how white text looks on a background with the XYZ color 77.3132, 75.3755,

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

77.3132, 75.3755, 105.0818

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

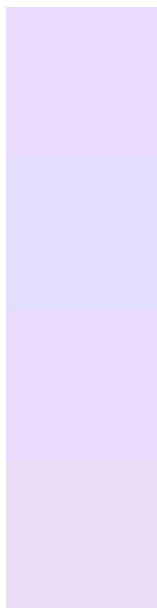
76.9858, 75.2067, 105.0665



Tritanopia

74.6563, 75.4635, 92.2925

Trichromacy



Original Color

77.3132, 75.3755, 105.0818

Protanomaly

75.2226, 75.4701, 105.2103

Deuteranomaly

76.9858, 75.2067, 105.0665

Tritanomaly

75.6166, 75.4613, 96.9663

Monochromacy



Original Color

77.3132, 75.3755, 105.0818

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.9910, 76.8465, 91.7693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3132, 75.3755, 105.0818 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(234, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 219, 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(234, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.3132, 75.3755, 105.0818 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(234, 219, 255) }
```


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

```
.border{ border-color:rgb(234, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3132, 75.3755, 105.0818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 219, 255) }
```

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

```
.background{ background-color: rgb(234,  
219, 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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