

Converting Colors

XYZ(77.8926, 75.8863,
110.9040)

Have a look what the booklet for
XYZ(77.8926, 75.8863, 110.9040)
contains.

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Color

**XYZ(76.9219, 75.5622,
105.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DCFF
RGB	232, 220, 255
RGB Percent	91%, 86%, 100%
CMY	0.0902, 0.1372, 0.0000
CMYK	0.09, 0.14, 0.00, 0.00
HSL	261°, 100%, 93%
HSV	261°, 14%, 100%
XYZ	76.9219, 75.5622, 105.1385
YIQ	227.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

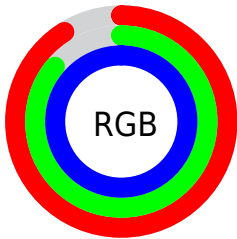
Format	Color
R _Y B	232, 220, 255
Decimal	15260927
CIE Lab	89.66, 10.54, -15.52
CIE LCh	90, 18.756, 304.186
Yxy	75.5622, 0.2986, 0.2933
Android (android.graphics.Color)	4293451007 (0xFFE8DCFF)
YUV	227.5780, 13.5190, 3.8781
Hunter-Lab	86.9265, 5.8345, -10.8633

Details

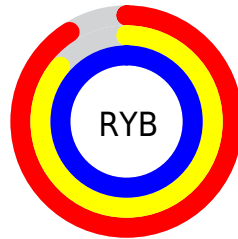
The XYZ color **76.9219, 75.5622, 105.1385** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.6422, 95.7428, 81.6802**, and the grayscale version is **73.3431, 77.1626, 84.0301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5527, 40.2176, 58.9988** is the 20% darker color. If you saturate the color by 10%, you get **65.5504, 60.5129, 102.8330**, and if you desaturate by 10%, it is **89.8370, 92.9266, 107.8095**.

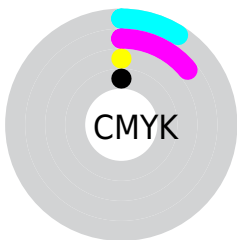
Distribution



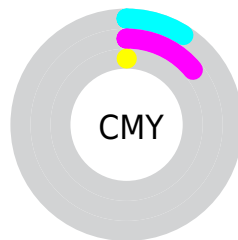
- Red (91%)
- Green (86%)
- Blue (100%)



- Red (91%)
- Yellow (86%)
- Blue (100%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9219, 75.5622, 105.1385 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 76.9219, 75.5622, 105.1385 by changing the saturation by 10% instead.

76.9219, 75.5622,
105.1385

76.9219, 75.5622,
105.1385

473.3937,
479.8477, 597.9313

57.4885, 56.0736,
79.9581

128.0027,
127.1079, 170.3141

41.6392, 40.2619,
59.1579

160.3807,
159.9337, 211.1465

29.0088, 27.7428,
42.3194

197.8043,
197.9741, 258.0332

19.2318, 18.1319,
29.0240

240.6389,
241.6134, 311.3928

11.9429, 11.0447,
18.8533

289.2498,
291.2360, 371.6439

6.7767, 6.0969,
11.3886

344.0023,

3.3679, 2.9041,

347.2263, 439.2050

6.2114

405.2618,
409.9688, 514.4946

■ 1.3512, 1.0819,
2.9032

■ 0.2210, 0.0000,
1.0454

■ 76.9219, 75.5622,
105.1385

■ 76.9219, 75.5622,
105.1385

■ 65.5504, 60.5129,
102.8330

■ 89.8370, 92.9266,
107.8095

■ 55.6559, 47.6698,
100.8755

95.0500, 100.0000,
108.9000

■ 47.1756, 36.9289,
99.2493

■ 40.0397, 28.1742,
97.9356

■ 34.1721, 21.2777,
96.9137

■ 29.4879, 16.0965,
96.1605

■ 25.8907, 12.4652,
95.6492

■ 23.2656, 10.1839,
95.3472

■ 22.0197, 9.2664,
95.2358

Harmonies

Analogous

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



72.4693, 75.5622, 110.3122



76.9219, 75.5622, 105.1385



80.1077, 75.5622, 93.8444

Triad

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



76.9219, 75.5622, 105.1385



75.7534, 75.5622, 61.4516



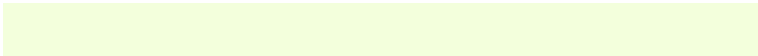
63.3281, 75.5622, 84.1435

Complementary

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



76.9219, 75.5622, 105.1385



85.6422, 95.7428, 81.6802

Split Complementary

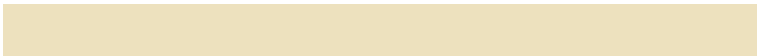
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.1238, 75.5622, 71.6967



76.9219, 75.5622, 105.1385



71.1738, 75.5622, 59.4421

Square

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



76.9219, 75.5622, 105.1385



79.4131, 75.5622, 68.8050



66.9481, 75.5622, 62.9914



64.7263, 75.5622, 97.3960

Rectangle

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



76.9219, 75.5622, 105.1385



81.0144, 75.5622, 84.8757



66.9481, 75.5622, 62.9914



63.3483, 75.5622, 79.7268

Sweetspot

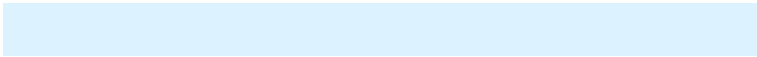
The Sweet Spot groups the original color and five complimentary colors.



76.9240, 75.5653, 105.1390



89.4586, 92.4146, 107.7306



79.7177, 86.7384, 107.1484



18.9289, 19.4844, 23.0132



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.



76.9240, 75.5653, 105.1390



74.2015, 71.9390, 104.5825



82.7712, 78.5797, 105.4126



17.5901, 17.6804, 22.7355



11.6490, 4.9158, 49.7695



1.2460, 0.5363, 4.8511

Inverse Universe

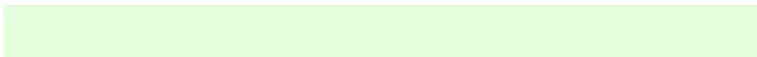
The Inverse Universe completely reimagines the original color for something new.



83.0127, 78.9204, 95.6545



81.2164, 75.8061, 93.5808



79.9921, 92.8301, 81.4158



18.5126, 18.1883, 21.3163



25.2945, 12.6071, 20.7329



2.5142, 1.2480, 2.2891

Previews

White Background



This preview shows how the XYZ color 76.9219, 75.5622, 105.1385 looks on a white background.

Color Contrast Check

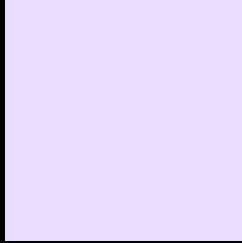
Large Text (above 18pt) WCAG AA × Fail

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 76.9219, 75.5622, 105.1385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

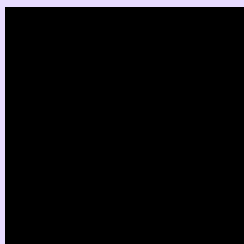
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9219, 75.5622, 105.1385

Background



This preview shows how black text looks on a background with the XYZ color 76.9219, 75.5622, 105.1385.

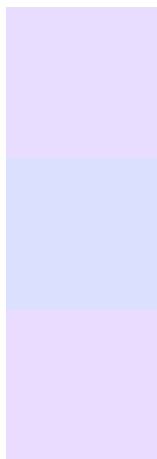


This preview shows how white text looks on a background with the XYZ color 76.9219, 75.5622,

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

76.9219, 75.5622, 105.1385

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

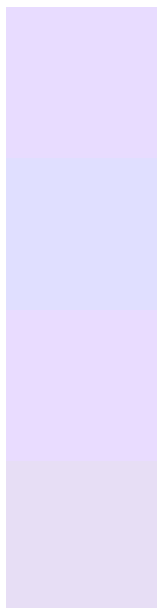
77.2475, 75.7300, 105.1537



Tritanopia

74.7490, 75.8896, 93.1465

Trichromacy



Original Color

76.9219, 75.5622, 105.1385

Protanomaly

75.1781, 75.8426, 105.2845

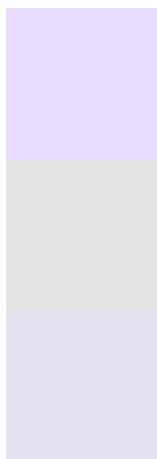
Deuteranomaly

77.2475, 75.7300, 105.1537

Tritanomaly

75.5577, 75.8240, 97.0394

Monochromacy



Original Color

76.9219, 75.5622, 105.1385

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6709, 76.6815, 91.7543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9219, 75.5622, 105.1385 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(232, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 220, 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(232, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.9219, 75.5622, 105.1385 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(232, 220, 255) }
```


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

```
.border{ border-color:rgb(232, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9219, 75.5622, 105.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 220, 255) }
```

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

```
.background{ background-color: rgb(232,  
220, 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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