

Converting Colors

XYZ(76.9997, 75.7835, 96.9556)

Have a look what the booklet for
XYZ(76.9997, 75.7835, 96.9556)
contains.

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Color

**XYZ(76.9997, 75.7835,
96.9556)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDCF5
RGB	237, 220, 245
RGB Percent	93%, 86%, 96%
CMY	0.0706, 0.1372, 0.0392
CMYK	0.03, 0.10, 0.00, 0.04
HSL	281°, 56%, 91%
HSV	281°, 10%, 96%
XYZ	76.9997, 75.7835, 96.9556
YIQ	227.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

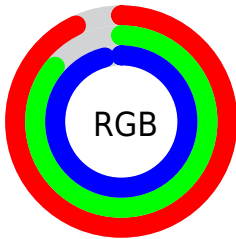
Format	Color
R _Y B	237, 220, 245
Decimal	15588597
CIE Lab	89.76, 10.25, -10.07
CIE LCh	90, 14.370, 315.512
Yxy	75.7835, 0.3083, 0.3035
Android (android.graphics.Color)	4293778677 (0xFFEDDCF5)
YUV	227.9330, 8.4140, 7.9518
Hunter-Lab	87.0537, 5.5406, -5.0963

Details

The XYZ color **76.9997, 75.7835, 96.9556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5684, 86.9681, 80.4122**, and the grayscale version is **73.6351, 77.4699, 84.3647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6965, 40.4081, 53.7460** is the 20% darker color. If you saturate the color by 10%, you get **68.4746, 62.5342, 94.8487**, and if you desaturate by 10%, it is **86.5860, 90.9829, 99.3853**.

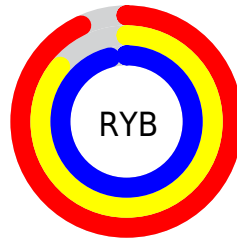
Distribution



Red (93%)

Green (86%)

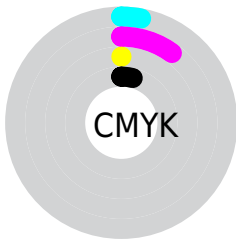
Blue (96%)



Red (93%)

Yellow (86%)

Blue (96%)

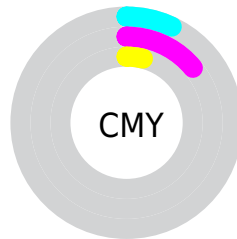


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9997, 75.7835, 96.9556 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 76.9997, 75.7835, 96.9556 by changing the saturation by 10% instead.

76.9997, 75.7835,
96.9556

76.9997, 75.7835,
96.9556

473.6550,
480.6063, 571.5503

57.5526, 56.2550,
73.1578

128.1119,
127.4208, 158.9823

41.6909, 40.4074,
53.6124

160.5077,
160.2984, 198.0484

29.0494, 27.8563,
37.9008

197.9504,
198.3945, 243.0409

19.2627, 18.2174,
25.6045

240.8053,
242.0935, 294.3786

11.9653, 11.1062,
16.3049

289.4379,
291.7798, 352.4798

6.7921, 6.1383,
9.5835

344.2135,

3.3776, 2.9294,

347.8378, 417.7631

5.0217

405.4974,
410.6518, 490.6471

■ 1.3565, 1.0950,
2.2010

■ 0.2249, 0.0000,
0.6750

■ 76.9997, 75.7835,
96.9556

■ 76.9997, 75.7835,
96.9556

■ 68.4746, 62.5342,
94.8487

■ 86.5860, 90.9829,
99.3853

■ 60.9618, 51.1428,
93.0459

■ 92.6346, 98.9360,
100.6016

■ 54.4182, 41.5243,
91.5342

■ 93.4817, 99.3727,
100.6412

■ 48.7949, 33.5830,
90.2978

■ 44.0383, 27.2138,
89.3191

■ 40.0887, 22.2998,
88.5788

■ 36.8779, 18.7071,
88.0545

■ 34.3250, 16.2763,
87.7199

■ 32.3319, 14.7637,
87.5330

Harmonies

Analogous

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



73.8671, 75.7835, 102.7776



76.9997, 75.7835, 96.9556



78.8287, 75.7835, 87.4931

Triad

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



76.9997, 75.7835, 96.9556



73.7477, 75.7835, 65.0313



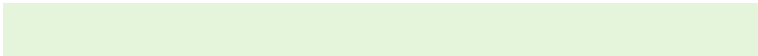
65.6634, 75.7835, 87.8435

Complementary

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



76.9997, 75.7835, 96.9556



77.5684, 86.9681, 80.4122

Split Complementary

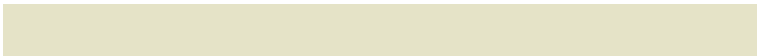
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.6338, 75.7835, 77.7301



76.9997, 75.7835, 96.9556



70.2235, 75.7835, 65.1082

Square

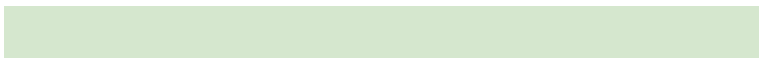
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9997, 75.7835, 96.9556



76.9098, 75.7835, 69.3655



67.2788, 75.7835, 69.5852



67.3610, 75.7835, 97.2302

Rectangle

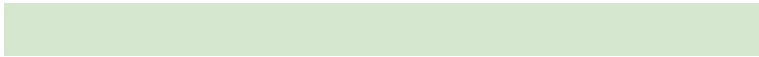
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9997, 75.7835, 96.9556



79.0255, 75.7835, 80.6557



67.2788, 75.7835, 69.5852



65.4599, 75.7835, 84.4034

Sweetspot

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



77.0019, 75.7867, 96.9573



91.7629, 94.7544, 108.0607



73.8348, 77.4818, 97.4514



19.4569, 19.9885, 23.0826



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.



77.0019, 75.7867, 96.9573



82.5417, 80.1963, 105.7368



79.1039, 76.9430, 93.7726



16.6678, 16.4869, 20.8464



17.5681, 8.0310, 47.1622



1.6508, 0.7609, 4.1501

Inverse Universe

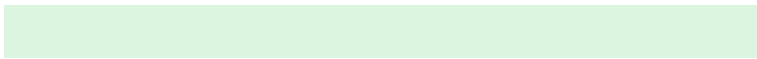
The Inverse Universe completely reimagines the original color for something new.



77.2556, 76.2037, 84.0395



82.8823, 80.7382, 89.2031



75.6475, 85.9133, 83.2389



16.7177, 16.5699, 18.2599



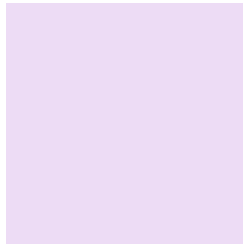
21.0906, 10.7797, 5.1854



1.8985, 0.9654, 0.6921

Previews

White Background



This preview shows how the XYZ color 76.9997, 75.7835, 96.9556 looks on a white background.

Color Contrast Check

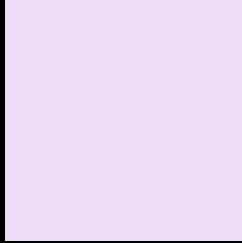
Large Text (above 18pt) WCAG AA × Fail

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 76.9997, 75.7835, 96.9556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

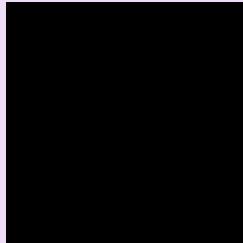
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9997, 75.7835, 96.9556

Background



This preview shows how black text looks on a background with the XYZ color 76.9997, 75.7835, 96.9556.



This preview shows how white text looks on a background with the XYZ color 76.9997, 75.7835,

96.9556.

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

76.9997, 75.7835, 96.9556

Protanopia

74.0304, 75.7766, 99.5315

Deuteranopia

77.4096, 75.6063, 96.8998



Tritanopia

75.8811, 75.7188, 91.5047

Trichromacy



Original Color

76.9997, 75.7835, 96.9556

Protanomaly

75.1711, 75.9847, 98.7003

Deuteranomaly

77.0728, 75.4328, 96.8840

Tritanomaly

76.3257, 75.8966, 93.8458

Monochromacy



Original Color

76.9997, 75.7835, 96.9556

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.7315, 76.7799, 88.7231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9997, 75.7835, 96.9556 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(237, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 245)  
}
```

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(237, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.9997, 75.7835, 96.9556 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(237, 220, 245) }
```


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

```
.border{ border-color:rgb(237, 220, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 220, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9997, 75.7835, 96.9556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 245) }
```

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

```
.background{ background-color: rgb(237,  
220, 245) }
```

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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