

Converting Colors

XYZ(76.0418, 74.9581, 87.7359)

Have a look what the booklet for
XYZ(76.0418, 74.9581, 87.7359)
contains.

XYZ(75.9747, 75.0715, 87.5767)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.9747, 75.0715,
87.5767)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE9
RGB	240, 219, 233
RGB Percent	94%, 86%, 91%
CMY	0.0588, 0.1412, 0.0863
CMYK	0.00, 0.09, 0.03, 0.06
HSL	320°, 41%, 90%
HSV	320°, 9%, 94%
XYZ	75.9747, 75.0715, 87.5767
YIQ	226.8750, 8.0220, 8.8060

Conversions

Conversions Part 2

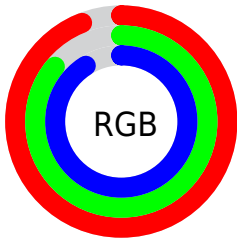
Format	Color
R _Y B	240, 219, 233
Decimal	15784937
CIE Lab	89.43, 9.61, -4.23
CIE LCh	89, 10.495, 336.248
Yxy	75.0715, 0.3184, 0.3146
Android (android.graphics.Color)	4293975017 (0xFFFF0DBE9)
YUV	226.8750, 3.0196, 11.5106
Hunter-Lab	86.6438, 4.8933, 0.7223

Details

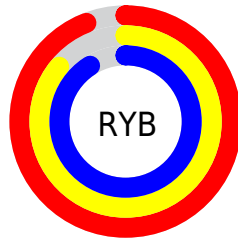
The XYZ color **75.9747, 75.0715, 87.5767** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1039, 82.8733, 84.0461**, and the grayscale version is **72.8993, 76.6958, 83.5217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9784, 39.9156, 47.1397** is the 20% darker color. If you saturate the color by 10%, you get **69.0426, 62.9944, 79.7541**, and if you desaturate by 10%, it is **83.8657, 88.9812, 95.9764**.

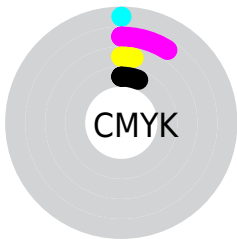
Distribution



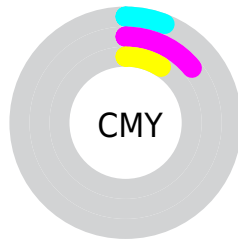
- Red (94%)
- Green (86%)
- Blue (91%)



- Red (94%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9747, 75.0715, 87.5767 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 75.9747, 75.0715, 87.5767 by changing the saturation by 10% instead.

75.9747, 75.0715,
87.5767

75.9747, 75.0715,
87.5767

470.2068,
478.1633, 540.4814

56.7087, 55.6715,
65.4102

126.6717,
126.4136, 145.8736

41.0107, 39.9396,
47.3403

158.8334,
159.1244, 182.8412

28.5151, 27.4914,
32.9485

196.0245,
197.0409, 225.5795

18.8568, 17.9427,
21.8162

238.6102,
240.5476, 274.5071

11.6702, 10.9088,
13.5249

286.9559,
290.0288, 330.0425

6.5901, 6.0056,
7.6560

341.4270,

3.2512, 2.8485,

345.8688, 392.6044

3.7910

402.3889,
408.4522, 462.6111

■ 1.2879, 1.0531,
1.5114

■ 0.1742, 0.0000,
0.2264

■ 75.9747, 75.0715,
87.5767

■ 75.9747, 75.0715,
87.5767

■ 69.0426, 62.9944,
79.7541

■ 83.8657, 88.9812,
95.9764

■ 63.0237, 52.6630,
72.4875

■ 88.7953, 96.8854,
103.6472

■ 57.8784, 43.9978,
65.7611

■ 89.7457, 97.2655,
108.6518

■ 53.5612, 36.9095,
59.5562

■ 50.0228, 31.3001,
53.8529

■ 47.2081, 27.0607,
48.6291

■ 45.0545, 24.0675,
43.8603

■ 43.4880, 22.1737,
39.5179

■ 42.4001, 21.1635,
35.5619

Harmonies

Analogous

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



74.3166, 75.0715, 93.6988



75.9747, 75.0715, 87.5767



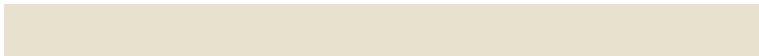
76.3815, 75.0715, 80.2088

Triad

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



75.9747, 75.0715, 87.5767



70.8165, 75.0715, 68.4576



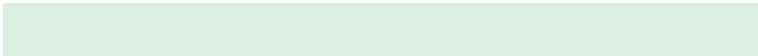
67.4399, 75.0715, 90.4011

Complementary

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



75.9747, 75.0715, 87.5767



74.1039, 82.8733, 84.0461

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.



66.5506, 75.0715, 83.2908



75.9747, 75.0715, 87.5767



68.4697, 75.0715, 70.8448

Square

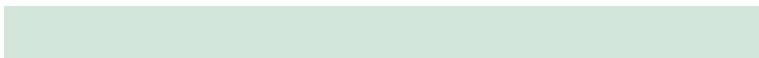
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9747, 75.0715, 87.5767



73.3631, 75.0715, 69.4532



66.9230, 75.0715, 76.1688



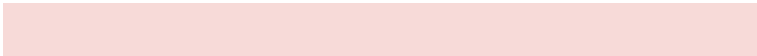
69.3804, 75.0715, 95.3968

Rectangle

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



75.9747, 75.0715, 87.5767



75.8798, 75.0715, 75.6367



66.9230, 75.0715, 76.1688



67.0103, 75.0715, 88.1633

Sweetspot

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



75.9769, 75.0748, 87.5783



92.2499, 95.0526, 105.9542



72.4267, 73.1268, 92.7368



19.5888, 20.0692, 22.5123



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

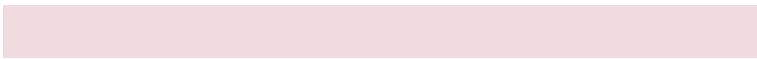
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9769, 75.0748, 87.5783



86.1090, 84.2602, 99.3157



74.5213, 74.4925, 79.9134



16.2172, 15.9366, 18.6999



23.2084, 11.5558, 19.5457



1.9767, 0.9797, 1.8680

Inverse Universe

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



75.9769, 75.0748, 87.5783



86.1090, 84.2602, 99.3157



75.5890, 83.4674, 91.8668



16.2172, 15.9366, 18.6999



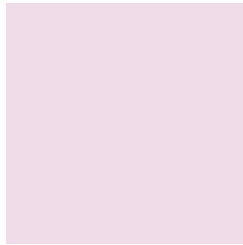
23.2084, 11.5558, 19.5457



1.9767, 0.9797, 1.8680

Previews

White Background



This preview shows how the XYZ color 75.9747, 75.0715, 87.5767 looks on a white background.

Color Contrast Check

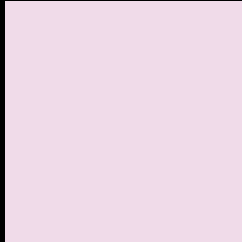
Large Text (above 18pt) WCAG AA × Fail

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 75.9747, 75.0715, 87.5767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

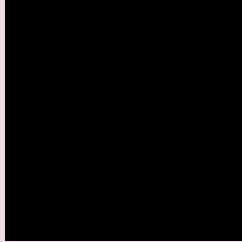
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9747, 75.0715, 87.5767

Background



This preview shows how black text looks on a background with the XYZ color 75.9747, 75.0715, 87.5767.

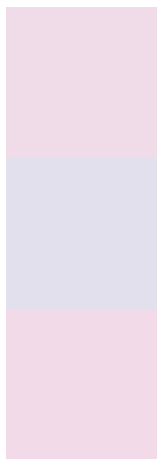


This preview shows how white text looks on a background with the XYZ color 75.9747, 75.0715,

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

75.9747, 75.0715, 87.5767

Protanopia

73.1600, 75.5362, 90.0809

Deuteranopia

76.7415, 75.0807, 87.5381



Tritanopia

76.4070, 75.2444, 89.8534

Trichromacy



Original Color

75.9747, 75.0715, 87.5767

Protanomaly

74.0717, 75.2296, 89.2140

Deuteranomaly

76.3973, 74.9032, 87.5220

Tritanomaly

76.2621, 75.1865, 89.0903

Monochromacy



Original Color

75.9747, 75.0715, 87.5767

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.0772, 76.1243, 84.9179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9747, 75.0715, 87.5767 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(240, 219, 233) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 233)  
}
```

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(240, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.9747, 75.0715, 87.5767 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(240, 219, 233) }
```


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

```
.border{ border-color:rgb(240, 219, 233) }
```

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

Here you see how a box with a 4 pixel rgb(240, 219, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9747, 75.0715, 87.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 233) }
```

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

```
.background{ background-color: rgb(240,  
219, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor