

Converting Colors

XYZ(74.6603, 73.6512, 83.4233)

Have a look what the booklet for
XYZ(74.6603, 73.6512, 83.4233)
contains.

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Color

**XYZ(74.7516, 73.7524,
83.6946)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9E4
RGB	240, 217, 228
RGB Percent	94%, 85%, 89%
CMY	0.0588, 0.1490, 0.1059
CMYK	0.00, 0.10, 0.05, 0.06
HSL	331°, 43%, 90%
HSV	331°, 10%, 94%
XYZ	74.7516, 73.7524, 83.6946
YIQ	225.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

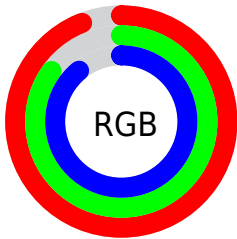
Format	Color
R _Y B	240, 217, 228
Decimal	15784420
CIE Lab	88.81, 9.78, -2.51
CIE LCh	89, 10.097, 345.615
Yxy	73.7524, 0.3219, 0.3176
Android (android.graphics.Color)	4293974500 (0xFFFF0D9E4)
YUV	225.1310, 1.4144, 13.0401
Hunter-Lab	85.8792, 5.0826, 2.3337

Details

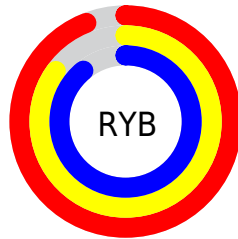
The XYZ color **74.7516, 73.7524, 83.6946** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9210, 82.7309, 86.2053**, and the grayscale version is **71.6490, 75.3803, 82.0892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2303, 39.0481, 44.9518** is the 20% darker color. If you saturate the color by 10%, you get **67.3340, 61.5987, 72.9530**, and if you desaturate by 10%, it is **83.1990, 87.7620, 95.4026**.

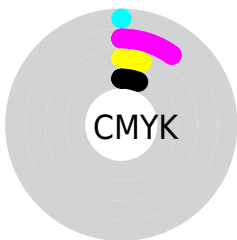
Distribution



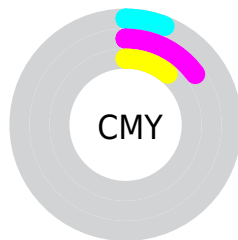
- Red (94%)
- Green (85%)
- Blue (89%)



- Red (94%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7516, 73.7524, 83.6946 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 74.7516, 73.7524, 83.6946 by changing the saturation by 10% instead.


 74.7516, 73.7524,
83.6946

 74.7516, 73.7524,
83.6946


466.0737,
473.6184, 527.3300

 55.7029, 54.5914,
62.2194

124.9505,
124.5448, 140.4058

 40.2008, 39.0747,
44.7731


156.8313,
156.9449, 176.4789

 27.8801, 26.8178,
30.9371


193.7203,
194.5269, 218.2550

 18.3753, 17.4365,
20.2929

235.9826,
237.6751, 266.1527

 11.3211, 10.5462,
12.4219

283.9838,
286.7740, 320.5905

 6.3521, 5.7626,
6.9057

338.0892,

 3.1030, 2.7012,

342.2079, 381.9870

3.3256

398.6640,
404.3612, 450.7606

■ 1.2085, 0.9778,
1.2632

■ 0.1130, 0.0000,
0.0314

■ 74.7516, 73.7524,
83.6946

■ 74.7516, 73.7524,
83.6946

■ 67.3340, 61.5987,
72.9530

■ 83.1990, 87.7620,
95.4026

■ 60.8985, 51.2130,
63.1463

■ 89.4331, 97.1405,
107.0061

■ 55.4031, 42.5144,
54.2478

■ 89.7456, 97.2655,
108.6518

■ 50.8000, 35.4120,
46.2276

■ 47.0371, 29.8063,
39.0538

■ 44.0565, 25.5864,
32.6921

■ 41.7924, 22.6258,
27.1047

■ 40.1671, 20.7745,
22.2494

■ 39.0575, 19.7917,
18.0677

Harmonies

Analogous

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



73.5125, 73.7524, 90.0923



74.7516, 73.7524, 83.6946



74.7243, 73.7524, 76.7346

Triad

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



74.7516, 73.7524, 83.6946



68.8418, 73.7524, 68.0247



66.8629, 73.7524, 90.3132

Complementary

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



74.7516, 73.7524, 83.6946



73.9210, 82.7309, 86.2053

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.



65.6694, 73.7524, 83.9820



74.7516, 73.7524, 83.6946



66.7937, 73.7524, 71.2514

Square

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



74.7516, 73.7524, 83.6946



71.2736, 73.7524, 67.9577



65.6444, 73.7524, 77.0059



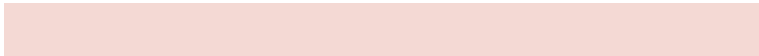
68.9382, 73.7524, 94.0614

Rectangle

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



74.7516, 73.7524, 83.6946



73.9903, 73.7524, 72.7172



65.6444, 73.7524, 77.0059



66.3474, 73.7524, 88.4006

Sweetspot

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



74.7537, 73.7556, 83.6962



92.0218, 94.9613, 104.7527



72.8196, 72.5593, 92.6064



19.5272, 20.0446, 22.1878



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

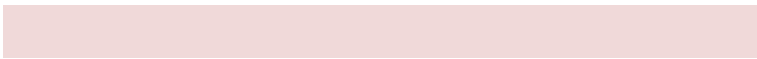
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7537, 73.7556, 83.6962



84.4775, 82.4837, 94.1894



73.3739, 73.3620, 75.9426



16.0876, 15.8847, 18.0174



21.4243, 10.8422, 10.1510



1.8323, 0.9220, 1.1077

Inverse Universe

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



74.7537, 73.7556, 83.6962



84.4775, 82.4837, 94.1894



75.3930, 83.1394, 94.5129



16.0876, 15.8847, 18.0174



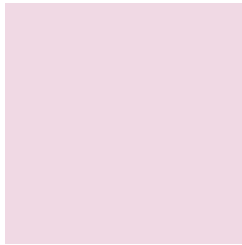
21.4243, 10.8422, 10.1510



1.8323, 0.9220, 1.1077

Previews

White Background



This preview shows how the XYZ color 74.7516, 73.7524, 83.6946 looks on a white background.

Color Contrast Check

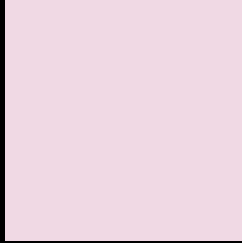
Large Text (above 18pt) WCAG AA × Fail

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 74.7516, 73.7524, 83.6946 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 74.7516, 73.7524, 83.6946

Background



This preview shows how black text looks on a background with the XYZ color 74.7516, 73.7524, 83.6946.

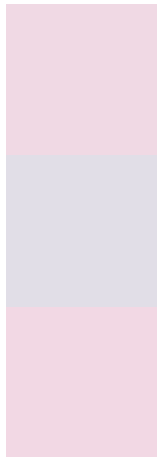


This preview shows how white text looks on a background with the XYZ color 74.7516, 73.7524,

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

74.7516, 73.7524, 83.6946

Protanopia

71.5964, 74.0196, 86.1150

Deuteranopia

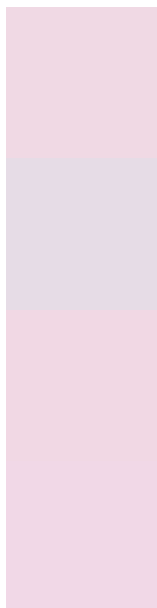
75.1774, 73.5904, 83.6409



Tritanopia

75.5395, 73.6957, 87.3341

Trichromacy



Original Color

74.7516, 73.7524, 83.6946

Protanomaly

72.5093, 73.7226, 85.2711

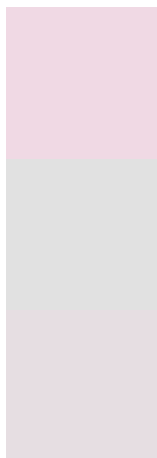
Deuteranomaly

74.8351, 73.4139, 83.6249

Tritanomaly

75.2553, 73.5820, 85.8377

Monochromacy



Original Color

74.7516, 73.7524, 83.6946

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4819, 74.5565, 82.5222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7516, 73.7524, 83.6946 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, 217, 228) looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 228)  
}
```

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, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.7516, 73.7524, 83.6946 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, 217, 228) }
```


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

```
.border{ border-color:rgb(240, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7516, 73.7524, 83.6946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 228) }
```

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

```
.background{ background-color: rgb(240,  
217, 228) }
```

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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