

Converting Colors

XYZ(77.1514, 75.3248, 86.0741)

Have a look what the booklet for
XYZ(77.1514, 75.3248, 86.0741)
contains.

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Color

**XYZ(77.1514, 75.3248,
86.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DAE7
RGB	245, 218, 231
RGB Percent	96%, 85%, 91%
CMY	0.0392, 0.1451, 0.0941
CMYK	0.00, 0.11, 0.06, 0.04
HSL	331°, 57%, 91%
HSV	331°, 11%, 96%
XYZ	77.1514, 75.3248, 86.0741
YIQ	227.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

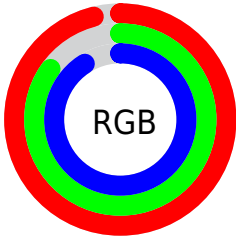
Format	Color
R _Y B	245, 218, 231
Decimal	16112359
CIE Lab	89.54, 11.48, -2.95
CIE LCh	90, 11.853, 345.573
Yxy	75.3248, 0.3234, 0.3158
Android (android.graphics.Color)	4294302439 (0xFFFF5DAE7)
YUV	227.5550, 1.6984, 15.2993
Hunter-Lab	86.7899, 6.7944, 1.9519

Details

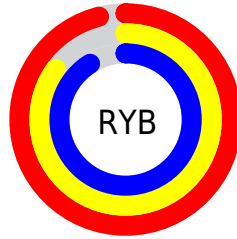
The XYZ color **77.1514, 75.3248, 86.0741** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1343, 86.0385, 88.9425**, and the grayscale version is **73.4016, 77.2242, 84.0971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8213, 40.1083, 46.0949** is the 20% darker color. If you saturate the color by 10%, you get **69.5322, 62.8540, 75.0000**, and if you desaturate by 10%, it is **85.8443, 89.7324, 98.1506**.

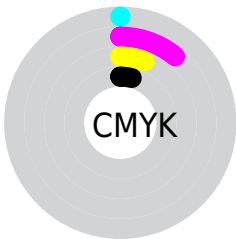
Distribution



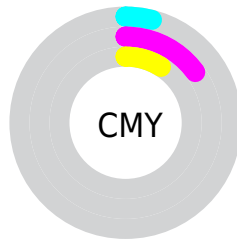
- Red (96%)
- Green (85%)
- Blue (91%)



- Red (96%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1514, 75.3248, 86.0741 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 77.1514, 75.3248, 86.0741 by changing the saturation by 10% instead.


 77.1514, 75.3248,
86.0741

 77.1514, 75.3248,
86.0741


474.1641,
479.0332, 535.4125

 57.6775, 55.8790,
64.1740


128.3249,
126.7720, 143.7603

 41.7917, 40.1059,
46.3445


160.7552,
159.5423, 180.3836

 29.1286, 27.6212,
32.1672


198.2350,
197.5228, 222.7516

 19.3229, 18.0403,
21.2233

241.1297,
241.0979, 271.2830

 12.0092, 10.9789,
13.0945

289.8045,
290.6522, 326.3962

 6.8222, 6.0527,
7.3622

344.6250,

 3.3965, 2.8771,

346.5699, 388.5098

3.6078

405.9564,
409.2354, 458.0424

■ 1.3667, 1.0679,
1.4127

■ 0.2323, 0.0000,
0.1516

■ 77.1514, 75.3248,
86.0741

■ 77.1514, 75.3248,
86.0741

■ 69.5322, 62.8540,
75.0000

■ 85.8443, 89.7324,
98.1506

■ 62.9365, 52.2270,
64.8954

■ 91.4667, 98.1527,
108.7323

■ 57.3193, 43.3577,
55.7322

■ 52.6302, 36.1495,
47.4790

■ 48.8134, 30.4960,
40.1023

■ 45.8070, 26.2786,
33.5658

■ 43.5406, 23.3612,
27.8296

■ 41.9298, 21.5812,
22.8486

■ 40.9233, 20.7194,
18.9644

Harmonies

Analogous

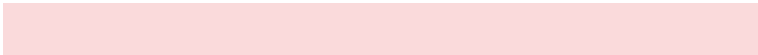
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6651, 75.3248, 93.7538



77.1514, 75.3248, 86.0741



77.1210, 75.3248, 77.7882

Triad

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



77.1514, 75.3248, 86.0741



70.1021, 75.3248, 67.5261



67.7477, 75.3248, 94.0017

Complementary

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



77.1514, 75.3248, 86.0741



76.1343, 86.0385, 88.9425

Split Complementary

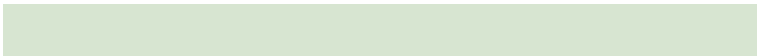
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.3375, 75.3248, 86.3941



77.1514, 75.3248, 86.0741



67.6715, 75.3248, 71.3010

Square

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



77.1514, 75.3248, 86.0741



72.9973, 75.3248, 67.4533



66.3100, 75.3248, 78.0873



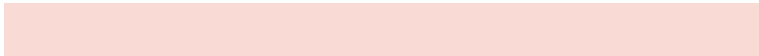
70.2087, 75.3248, 98.5367

Rectangle

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



77.1514, 75.3248, 86.0741



76.2428, 75.3248, 73.0415



66.3100, 75.3248, 78.0873



67.1381, 75.3248, 91.6968

Sweetspot

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



77.1536, 75.3281, 86.0757



92.0256, 94.9629, 104.7732



74.8181, 73.8864, 96.7054



19.5282, 20.0450, 22.1934



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

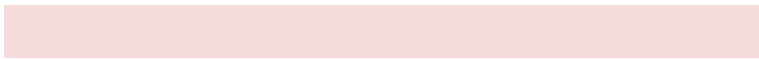
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1536, 75.3281, 86.0757



82.7259, 79.5847, 91.7427



75.5020, 74.8544, 76.8026



16.8314, 16.6154, 18.8590



22.1152, 11.1895, 10.5809



1.9954, 1.0041, 1.2020

Inverse Universe

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



77.1536, 75.3281, 86.0757



82.7259, 79.5847, 91.7427



77.9136, 86.5327, 98.9833



16.8314, 16.6154, 18.8590



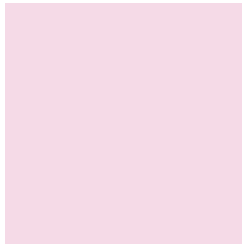
22.1152, 11.1895, 10.5809



1.9954, 1.0041, 1.2020

Previews

White Background



This preview shows how the XYZ color 77.1514, 75.3248, 86.0741 looks on a white background.

Color Contrast Check

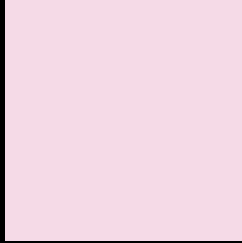
Large Text (above 18pt) WCAG AA × Fail

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 77.1514, 75.3248, 86.0741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

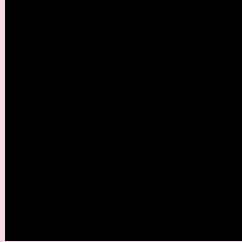
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1514, 75.3248, 86.0741

Background



This preview shows how black text looks on a background with the XYZ color 77.1514, 75.3248, 86.0741.

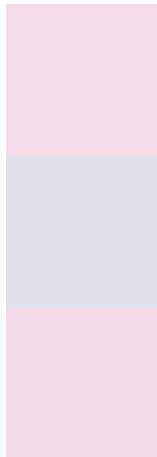


This preview shows how white text looks on a background with the XYZ color 77.1514, 75.3248,

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

77.1514, 75.3248, 86.0741

Protanopia

73.0151, 75.4782, 89.3177

Deuteranopia

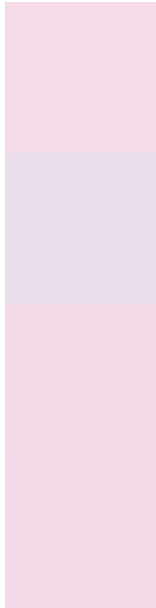
76.8034, 75.1454, 86.0578



Tritanopia

77.3203, 74.9787, 88.2390

Trichromacy



Original Color

77.1514, 75.3248, 86.0741

Protanomaly

74.5768, 75.5067, 88.4855

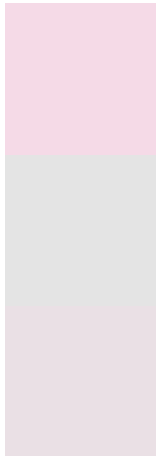
Deuteranomaly

76.8034, 75.1454, 86.0578

Tritanomaly

77.1770, 74.9214, 87.4844

Monochromacy



Original Color

77.1514, 75.3248, 86.0741

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.7302, 76.4609, 84.9485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1514, 75.3248, 86.0741 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(245, 218, 231) looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 231)  
}
```

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(245, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 231) }
```

Border

The CSS property to change the border of an element to XYZ 77.1514, 75.3248, 86.0741 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(245, 218, 231) }
```


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

```
.border{ border-color:rgb(245, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1514, 75.3248, 86.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 231) }
```

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

```
.background{ background-color: rgb(245,  
218, 231) }
```

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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