

Converting Colors

XYZ(77.9748, 76.1537, 85.4560)

Have a look what the booklet for
XYZ(77.9748, 76.1537, 85.4560)
contains.

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Color

**XYZ(77.9722, 76.1504,
85.4518)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DBE6
RGB	247, 219, 230
RGB Percent	97%, 86%, 90%
CMY	0.0314, 0.1412, 0.0980
CMYK	0.00, 0.11, 0.07, 0.03
HSL	336°, 64%, 91%
HSV	336°, 11%, 97%
XYZ	77.9722, 76.1504, 85.4518
YIQ	228.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

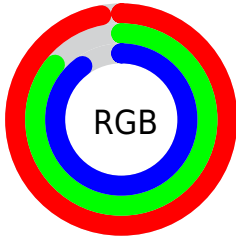
Format	Color
R _Y B	247, 219, 230
Decimal	16243686
CIE Lab	89.93, 11.47, -1.84
CIE LCh	90, 11.619, 350.868
Yxy	76.1504, 0.3255, 0.3179
Android (android.graphics.Color)	4294433766 (0xFFFF7DBE6)
YUV	228.6260, 0.6774, 16.1140
Hunter-Lab	87.2642, 6.7808, 3.0263

Details

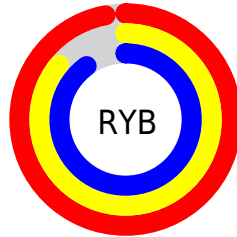
The XYZ color **77.9722, 76.1504, 85.4518** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6174, 87.6397, 92.1864**, and the grayscale version is **74.1917, 78.0554, 85.0024**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4992, 40.7224, 46.1777** is the 20% darker color. If you saturate the color by 10%, you get **69.9842, 63.4006, 72.8408**, and if you desaturate by 10%, it is **87.1019, 90.8915, 99.3394**.

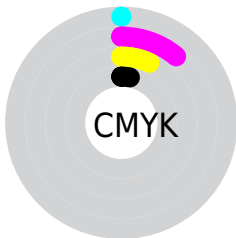
Distribution



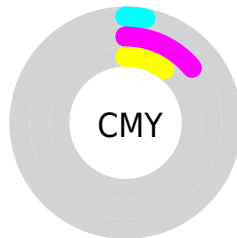
- Red (97%)
- Green (86%)
- Blue (90%)



- Red (97%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9722, 76.1504, 85.4518 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 77.9722, 76.1504, 85.4518 by changing the saturation by 10% instead.


 77.9722, 76.1504,
85.4518

 77.9722, 76.1504,
85.4518

476.9137,
481.8624, 533.3054

 58.3538, 56.5558,
63.6625

129.4765,
127.9395, 142.8840

 42.3375, 40.6488,
45.9329


162.0932,
160.9028, 179.3639

 29.5580, 28.0447,
31.8446


199.7733,
199.0912, 221.5778

 19.6497, 18.3594,
20.9790

242.8823,
242.8890, 269.9442

 12.2475, 11.2083,
12.9176

291.7855,
292.6806, 324.8816

 6.9858, 6.2071,
7.2417

346.8482,

 3.4995, 2.9714,

348.8504, 386.8086

3.5330

408.4358,
411.7829, 456.1437

■ 1.4231, 1.1168,
1.3728

■ 0.2726, 0.0000,
0.1204

■ 77.9722, 76.1504,
85.4518

■ 77.9722, 76.1504,
85.4518

■ 69.9842, 63.4006,
72.8408

■ 87.1019, 90.8915,
99.3394

■ 63.0849, 52.5465,
61.4635

■ 92.1682, 98.5144,
108.7651

■ 57.2266, 43.4993,
51.2818

■ 52.3557, 36.1593,
42.2533

■ 48.4131, 30.4169,
34.3331

■ 45.3333, 26.1498,
27.4724

■ 43.0416, 23.2175,
21.6183

■ 41.4489, 21.4517,
16.7110

■ 40.5165, 20.6377,
13.1605

Harmonies

Analogous

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



76.7498, 76.1504, 93.3080



77.9722, 76.1504, 85.4518



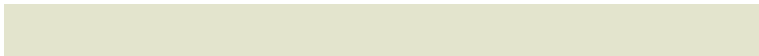
77.6653, 76.1504, 77.4048

Triad

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



77.9722, 76.1504, 85.4518



70.4283, 76.1504, 68.9901



68.9473, 76.1504, 95.8052

Complementary

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



77.9722, 76.1504, 85.4518



77.6174, 87.6397, 92.1864

Split Complementary

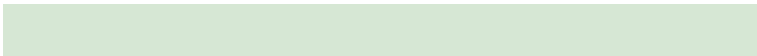
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3375, 76.1504, 88.6803



77.9722, 76.1504, 85.4518



68.1767, 76.1504, 73.3236

Square

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



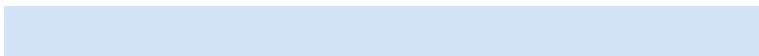
77.9722, 76.1504, 85.4518



73.2592, 76.1504, 68.2520



67.0593, 76.1504, 80.4286



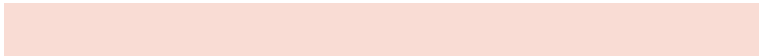
71.5053, 76.1504, 99.5403

Rectangle

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



77.9722, 76.1504, 85.4518



76.6380, 76.1504, 72.9858



67.0593, 76.1504, 80.4286



68.2802, 76.1504, 93.7058

Sweetspot

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



77.9744, 76.1537, 85.4534



91.9189, 94.9202, 104.2111



76.6484, 75.1808, 98.4681



19.4995, 20.0335, 22.0418



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

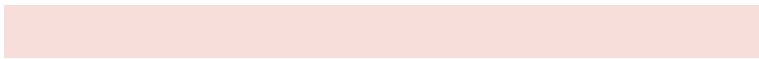
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9744, 76.1537, 85.4534



81.4038, 77.9813, 88.0934



77.2148, 77.0284, 77.8202



16.7686, 16.5903, 18.5283



21.4925, 10.9404, 7.3019



1.9380, 0.9812, 0.8997

Inverse Universe

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



77.9744, 76.1537, 85.4534



81.4038, 77.9813, 88.0934



78.4153, 86.5992, 100.5790



16.7686, 16.5903, 18.5283



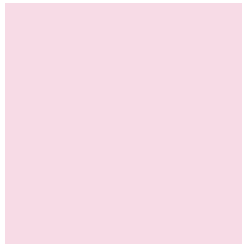
21.4925, 10.9404, 7.3019



1.9380, 0.9812, 0.8997

Previews

White Background



This preview shows how the XYZ color 77.9722, 76.1504, 85.4518 looks on a white background.

Color Contrast Check

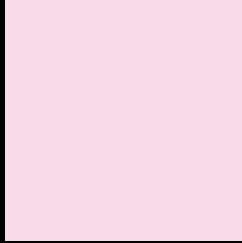
Large Text (above 18pt) WCAG AA × Fail

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 77.9722, 76.1504, 85.4518 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 77.9722, 76.1504, 85.4518

Background



This preview shows how black text looks on a background with the XYZ color 77.9722, 76.1504, 85.4518.



This preview shows how white text looks on a background with the XYZ color 77.9722, 76.1504,

85.4518.

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

77.9722, 76.1504, 85.4518

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

77.6205, 75.9690, 85.4354



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

77.9722, 76.1504, 85.4518

Protanomaly

75.3566, 76.3207, 87.8504

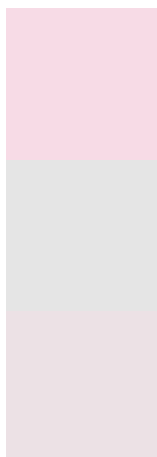
Deuteranomaly

77.6205, 75.9690, 85.4354

Tritanomaly

78.4908, 75.9825, 87.6200

Monochromacy



Original Color

77.9722, 76.1504, 85.4518

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6601, 77.3404, 85.0692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9722, 76.1504, 85.4518 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(247, 219, 230) looks like.

```
.text, #text, p{  
    color:rgb(247, 219, 230)  
}
```

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(247, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 219, 230) }
```

Border

The CSS property to change the border of an element to XYZ 77.9722, 76.1504, 85.4518 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(247, 219, 230) }
```


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

```
.border{ border-color:rgb(247, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(247, 219,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9722, 76.1504, 85.4518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 219, 230) }
```

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

```
.background{ background-color: rgb(247,  
219, 230) }
```

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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