

Converting Colors

XYZ(76.4950, 74.2374, 85.1604)

Have a look what the booklet for
XYZ(76.4950, 74.2374, 85.1604)
contains.

XYZ(76.4950, 74.2374, 85.1604)	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(76.4950, 74.2374,
85.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D8E6
RGB	245, 216, 230
RGB Percent	96%, 85%, 90%
CMY	0.0392, 0.1529, 0.0980
CMYK	0.00, 0.12, 0.06, 0.04
HSL	331°, 59%, 90%
HSV	331°, 12%, 96%
XYZ	76.4950, 74.2374, 85.1604
YIQ	226.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

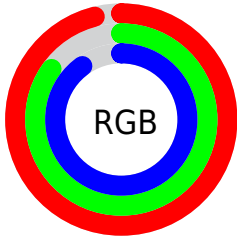
Format	Color
R _{YB}	245, 216, 230
Decimal	16111846
CIE Lab	89.03, 12.35, -3.18
CIE LCh	89, 12.754, 345.579
Yxy	74.2374, 0.3243, 0.3147
Android (android.graphics.Color)	4294301926 (0xFFFF5D8E6)
YUV	226.2670, 1.8404, 16.4288
Hunter-Lab	86.1611, 7.6927, 1.7114

Details

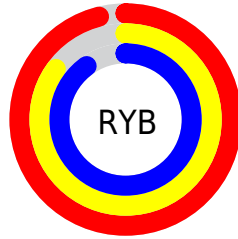
The XYZ color **76.4950, 74.2374, 85.1604** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3980, 85.6753, 88.1686**, and the grayscale version is **72.4643, 76.2381, 83.0233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4690, 39.4037, 45.9775** is the 20% darker color. If you saturate the color by 10%, you get **68.9649, 61.9220, 74.1862**, and if you desaturate by 10%, it is **85.0946, 88.4827, 97.1314**.

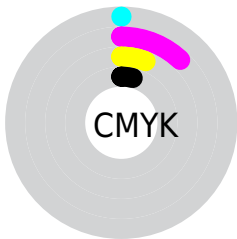
Distribution



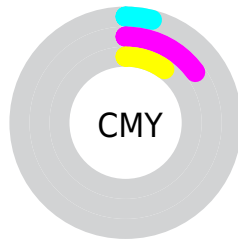
- Red (96%)
- Green (85%)
- Blue (90%)



- Red (96%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4950, 74.2374, 85.1604 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 76.4950, 74.2374, 85.1604 by changing the saturation by 10% instead.


 76.4950, 74.2374,
85.1604

 76.4950, 74.2374,
85.1604


471.9589,
475.2923, 532.3171

 57.1370, 54.9884,
63.4230

127.4030,
125.2323, 142.4734

 41.3558, 39.3924,
45.7403


159.6837,
157.7469, 178.8861

 28.7861, 27.0651,
31.6938


197.0027,
195.4522, 221.0277

 19.0625, 17.6221,
20.8648

239.7252,
238.7325, 269.3166

 11.8197, 10.6791,
12.8349

288.2168,
287.9723, 324.1715

 6.6924, 5.8515,
7.1856

342.8427,

 3.3151, 2.7550,

343.5560, 386.0108

3.4982

403.9683,
405.8678, 455.2532

■ 1.3225, 1.0052,
1.3543

■ 0.2000, 0.0000,
0.1057

■ 76.4950, 74.2374,
85.1604

■ 76.4950, 74.2374,
85.1604

■ 68.9649, 61.9220,
74.1862

■ 85.0946, 88.4827,
97.1314

■ 62.4539, 51.4432,
64.1759

■ 91.4667, 98.1527,
108.7323

■ 56.9170, 42.7143,
55.1014

■ 52.3032, 35.6378,
46.9313

■ 48.5563, 30.1067,
39.6319

■ 45.6141, 26.0012,
33.1669

■ 43.4049, 23.1834,
27.4962

■ 41.8432, 21.4877,
22.5742

■ 40.9420, 20.7269,
19.0627

Harmonies

Analogous

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



74.9059, 74.2374, 93.3849



76.4950, 74.2374, 85.1604



76.4621, 74.2374, 76.3313

Triad

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



76.4950, 74.2374, 85.1604



68.9709, 74.2374, 65.4713



66.4682, 74.2374, 93.6538

Complementary

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



76.4950, 74.2374, 85.1604



75.3980, 85.6753, 88.1686

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.



64.9705, 74.2374, 85.5060



76.4950, 74.2374, 85.1604



66.3864, 74.2374, 69.4575

Square

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



76.4950, 74.2374, 85.1604



72.0560, 74.2374, 65.3937



64.9410, 74.2374, 76.6526



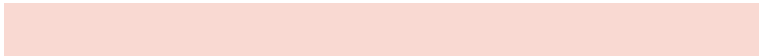
69.0856, 74.2374, 98.5266

Rectangle

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



76.4950, 74.2374, 85.1604



75.5226, 74.2374, 71.2966



64.9410, 74.2374, 76.6526



65.8205, 74.2374, 91.1816

Sweetspot

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



76.4971, 74.2407, 85.1620



91.0439, 93.3286, 103.4309



73.9897, 72.6941, 96.5189



19.3305, 19.7160, 21.9226



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

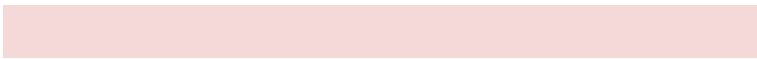
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4971, 74.2407, 85.1620



81.8676, 78.1668, 90.5354



74.7334, 73.7336, 75.2628



16.8324, 16.6158, 18.8638



22.1253, 11.1936, 10.6341



1.9963, 1.0045, 1.2068

Inverse Universe

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



76.4971, 74.2407, 85.1620



81.8676, 78.1668, 90.5354



77.3090, 86.2061, 98.9521



16.8324, 16.6158, 18.8638



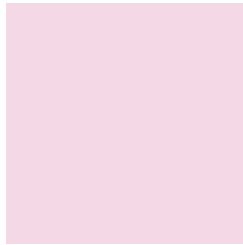
22.1253, 11.1936, 10.6341



1.9963, 1.0045, 1.2068

Previews

White Background



This preview shows how the XYZ color 76.4950, 74.2374, 85.1604 looks on a white background.

Color Contrast Check

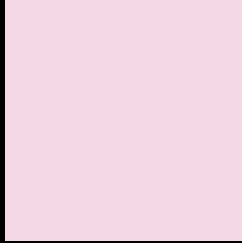
Large Text (above 18pt) WCAG AA × Fail

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 76.4950, 74.2374, 85.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

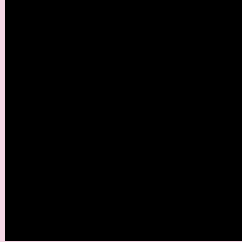
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4950, 74.2374, 85.1604

Background



This preview shows how black text looks on a background with the XYZ color 76.4950, 74.2374, 85.1604.



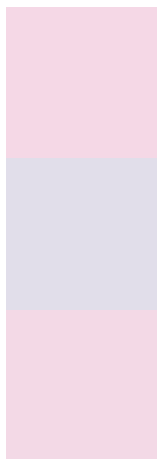
This preview shows how white text looks on a background with the XYZ color 76.4950, 74.2374,

85.1604.

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

76.4950, 74.2374, 85.1604

Protanopia

72.0239, 74.1906, 88.3661

Deuteranopia

76.0579, 74.3936, 85.2136



Tritanopia

76.7775, 74.3504, 86.6484

Trichromacy



Original Color

76.4950, 74.2374, 85.1604

Protanomaly

73.5799, 74.2254, 87.5397

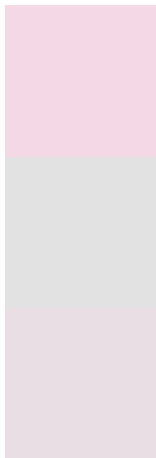
Deuteranomaly

76.4040, 74.5720, 85.2298

Tritanomaly

76.6359, 74.2937, 85.9023

Monochromacy



Original Color

76.4950, 74.2374, 85.1604

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5907, 75.1122, 83.2925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4950, 74.2374, 85.1604 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, 216, 230) looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 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(245, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.4950, 74.2374, 85.1604 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, 216, 230) }
```


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

```
.border{ border-color:rgb(245, 216, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(245, 216,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4950, 74.2374, 85.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 230) }
```

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

```
.background{ background-color: rgb(245,  
216, 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](#).

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