

Converting Colors

XYZ(75.4505, 74.3350, 84.1201)

Have a look what the booklet for
XYZ(75.4505, 74.3350, 84.1201)
contains.

| | |
|--|----|
| XYZ(75.3506, 74.4450, 83.7967) | 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(75.3506, 74.4450,
83.7967)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F1DAE4 |
| RGB | 241, 218, 228 |
| RGB Percent | 95%, 85%, 89% |
| CMY | 0.0549, 0.1451, 0.1059 |
| CMYK | 0.00, 0.10, 0.05, 0.05 |
| HSL | 334°, 45%, 90% |
| HSV | 334°, 10%, 95% |
| XYZ | 75.3506, 74.4450, 83.7967 |
| YIQ | 226.0170, 10.4980, 7.9860 |

Conversions

Conversions Part 2

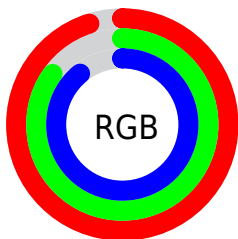
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 241, 218, 228 |
| Decimal | 15850212 |
| CIE Lab | 89.13, 9.60, -2.02 |
| CIE LCh | 89, 9.810, 348.124 |
| Yxy | 74.4450, 0.3226, 0.3187 |
| Android (android.graphics.Color) | 4294040292 (0xFFFF1DAE4) |
| YUV | 226.0170, 0.9776, 13.1401 |
| Hunter-Lab | 86.2815, 4.8934, 2.8146 |

Details

The XYZ color **75.3506, 74.4450, 83.7967** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7954, 83.5875, 87.7972**, and the grayscale version is **72.2907, 76.0554, 82.8243**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6476, 39.5258, 45.0220** is the 20% darker color. If you saturate the color by 10%, you get **67.7327, 62.1169, 72.2911**, and if you desaturate by 10%, it is **84.0305, 88.6566, 96.3935**.

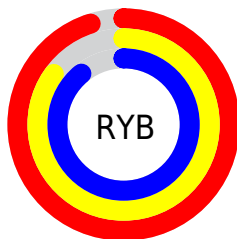
Distribution



Red (95%)

Green (85%)

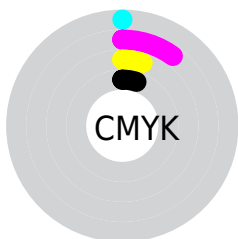
Blue (89%)



Red (95%)

Yellow (85%)

Blue (89%)

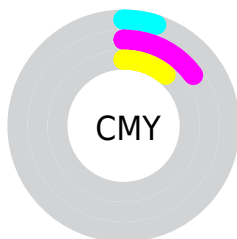


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (5%)



Cyan (5%)


Magenta (15%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3506, 74.4450, 83.7967 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 75.3506, 74.4450, 83.7967 by changing the saturation by 10% instead.


 75.3506, 74.4450,
83.7967

 75.3506, 74.4450,
83.7967


468.1004,
476.0078, 527.6783

 56.1953, 55.1583,
62.3032


125.7938,
125.5264, 140.5499

 40.5972, 39.5285,
44.8404


157.8124,
158.0900, 176.6468

 28.1907, 27.1711,
30.9897


194.8496,
195.8479, 218.4484

 18.6107, 17.7018,
20.3326

237.2706,
239.1847, 266.3735

 11.4916, 10.7361,
12.4506

285.4408,
288.4847, 320.8404

 6.4683, 5.8897,
6.9251

339.7256,

 3.1752, 2.7781,

344.1323, 382.2679

3.3375

400.4904,
406.5118, 451.0743

■ 1.2471, 1.0170,
1.2695

■ 0.1431, 0.0000,
0.0366

■ 75.3506, 74.4450,
83.7967

■ 75.3506, 74.4450,
83.7967

■ 67.7327, 62.1169,
72.2911

■ 84.0305, 88.6566,
96.3935

■ 61.1279, 51.5830,
61.8409

■ 90.0861, 97.4410,
108.6677

■ 55.4930, 42.7614,
52.4151

■ 50.7790, 35.5600,
43.9792

■ 46.9323, 29.8779,
36.4964

■ 43.8936, 25.6028,
29.9272

■ 41.5954, 22.6065,
24.2285

■ 39.9583, 20.7371,
19.3519

■ 38.8576, 19.7528,
15.2329

Harmonies

Analogous

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



74.2348, 74.4450, 90.1642



75.3506, 74.4450, 83.7967



75.2155, 74.4450, 77.0327

Triad

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



75.3506, 74.4450, 83.7967



69.3379, 74.4450, 69.1826



67.7344, 74.4450, 91.2573

Complementary

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



75.3506, 74.4450, 83.7967



74.7954, 83.5875, 87.7972

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.



66.4797, 74.4450, 85.2211



75.3506, 74.4450, 83.7967



67.3910, 74.4450, 72.5865

Square

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



75.3506, 74.4450, 83.7967



71.7077, 74.4450, 68.8491



66.3554, 74.4450, 78.3795



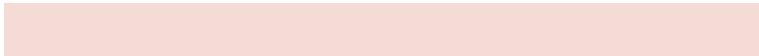
69.8162, 74.4450, 94.6309

Rectangle

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



75.3506, 74.4450, 83.7967



74.4347, 74.4450, 73.2016



66.3554, 74.4450, 78.3795



67.2039, 74.4450, 89.4572

Sweetspot

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



75.3527, 74.4483, 83.7983



91.9693, 94.9404, 104.4767



73.7934, 73.4280, 93.5037



19.5130, 20.0389, 22.1134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

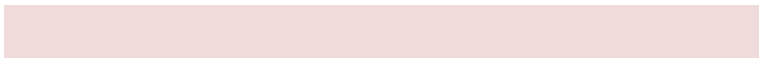
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3527, 74.4483, 83.7983



84.2965, 82.4113, 93.2361



74.3038, 74.5074, 76.7987



16.0581, 15.8730, 17.8623



21.1124, 10.7174, 8.5082



1.8054, 0.9112, 0.9661

Inverse Universe

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



75.3527, 74.4483, 83.7983



84.2965, 82.4113, 93.2361



75.9089, 83.4900, 95.3344



16.0581, 15.8730, 17.8623



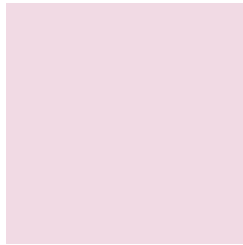
21.1124, 10.7174, 8.5082



1.8054, 0.9112, 0.9661

Previews

White Background



This preview shows how the XYZ color 75.3506, 74.4450, 83.7967 looks on a white background.

Color Contrast Check

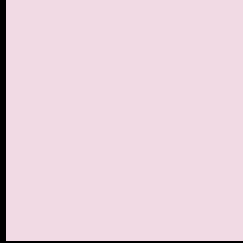
Large Text (above 18pt) WCAG AA × Fail

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 75.3506, 74.4450, 83.7967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

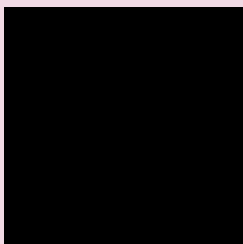
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3506, 74.4450, 83.7967

Background



This preview shows how black text looks on a background with the XYZ color 75.3506, 74.4450, 83.7967.

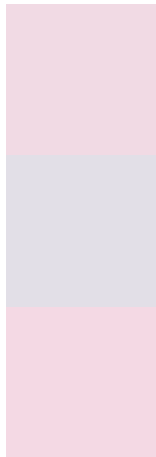


This preview shows how white text looks on a background with the XYZ color 75.3506, 74.4450,

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

75.3506, 74.4450, 83.7967

Protanopia

72.1755, 74.7136, 86.2184

Deuteranopia

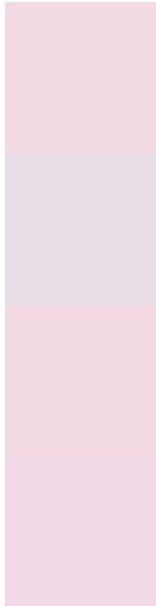
76.1247, 74.4602, 83.7588



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

75.3506, 74.4450, 83.7967

Protanomaly

73.0944, 74.4150, 85.3740

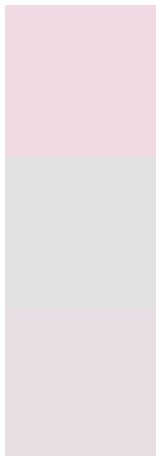
Deuteranomaly

75.7786, 74.2818, 83.7427

Tritanomaly

75.9963, 74.3291, 86.6855

Monochromacy



Original Color

75.3506, 74.4450, 83.7967

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.2078, 75.3103, 83.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3506, 74.4450, 83.7967 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(241, 218, 228) looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 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(241, 218, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.3506, 74.4450, 83.7967 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(241, 218, 228) }
```


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

```
.border{ border-color:rgb(241, 218, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 218, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 218, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 218,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3506, 74.4450, 83.7967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 228) }
```

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

```
.background{ background-color: rgb(241,  
218, 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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