

Converting Colors

XYZ(75.4162, 74.8938, 84.6945)

Have a look what the booklet for
XYZ(75.4162, 74.8938, 84.6945)
contains.

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Color

**XYZ(75.4096, 74.8454,
84.6008)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0DBE5 |
| RGB | 240, 219, 229 |
| RGB Percent | 94%, 86%, 90% |
| CMY | 0.0588, 0.1412, 0.1020 |
| CMYK | 0.00, 0.09, 0.05, 0.06 |
| HSL | 331°, 41%, 90% |
| HSV | 331°, 9%, 94% |
| XYZ | 75.4096, 74.8454, 84.6008 |
| YIQ | 226.4190, 9.3060, 7.5620 |

Conversions

Conversions Part 2

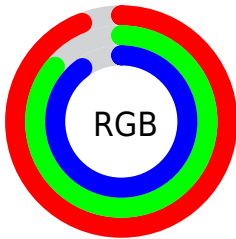
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 219, 229 |
| Decimal | 15784933 |
| CIE Lab | 89.32, 8.91, -2.28 |
| CIE LCh | 89, 9.197, 345.653 |
| Yxy | 74.8454, 0.3211, 0.3187 |
| Android (android.graphics.Color) | 4293975013 (0xFFFF0DBE5) |
| YUV | 226.4190, 1.2724, 11.9105 |
| Hunter-Lab | 86.5132, 4.1921, 2.5799 |

Details

The XYZ color **75.4096, 74.8454, 84.6008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6593, 83.0955, 86.9711**, and the grayscale version is **72.5801, 76.3599, 83.1560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6826, 39.7973, 45.5818** is the 20% darker color. If you saturate the color by 10%, you get **67.9020, 62.5381, 73.7481**, and if you desaturate by 10%, it is **83.9513, 89.0154, 96.4275**.

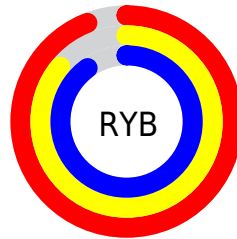
Distribution



Red (94%)

Green (86%)

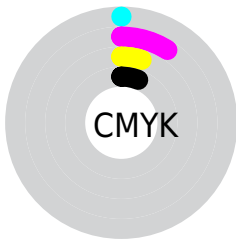
Blue (90%)



Red (94%)

Yellow (86%)

Blue (90%)

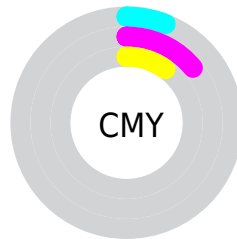


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (6%)



Cyan (6%)


Magenta (14%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4096, 74.8454, 84.6008 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 75.4096, 74.8454, 84.6008 by changing the saturation by 10% instead.


 75.4096, 74.8454,
84.6008

 75.4096, 74.8454,
84.6008


468.2998,
477.3860, 530.4163

 56.2439, 55.4862,
62.9633


125.8768,
126.0935, 141.6845

 40.6362, 39.7912,
45.3707

157.9090,
158.7512, 177.9678

 28.2214, 27.3758,
31.4045


194.9607,
196.6106, 219.9702

 18.6339, 17.8556,
20.6460

237.3973,
240.0560, 268.1101

 11.5085, 10.8464,
12.6768

285.5842,
289.4719, 322.8061

 6.4797, 5.9636,
7.0782

339.8866,

 3.1823, 2.8230,

345.2426, 384.4768

3.4319

400.6700,
407.7525, 453.5407

■ 1.2509, 1.0400,
1.3192

■ 0.1460, 0.0000,
0.0774

■ 75.4096, 74.8454,
84.6008

■ 75.4096, 74.8454,
84.6008

■ 67.9020, 62.5381,
73.7481

■ 83.9513, 89.0154,
96.4275

■ 61.3811, 52.0059,
63.8376

■ 89.6091, 97.2109,
107.9322

■ 55.8050, 43.1684,
54.8427

■ 89.7457, 97.2655,
108.6518

■ 51.1262, 35.9354,
46.7333

■ 47.2930, 30.2081,
39.4777

■ 44.2480, 25.8767,
33.0415

■ 41.9262, 22.8162,
27.3870

■ 40.2510, 20.8789,
22.4722

■ 39.1111, 19.8479,
18.2424

Harmonies

Analogous

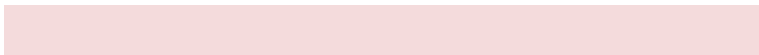
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2750, 74.8454, 90.4589



75.4096, 74.8454, 84.6008



75.3831, 74.8454, 78.1987

Triad

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



75.4096, 74.8454, 84.6008



69.9782, 74.8454, 70.1432



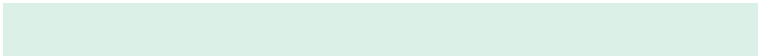
68.1588, 74.8454, 90.6729

Complementary

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



75.4096, 74.8454, 84.6008



74.6593, 83.0955, 86.9711

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.



67.0559, 74.8454, 84.8805



75.4096, 74.8454, 84.6008



68.0912, 74.8454, 73.1417

Square

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



75.4096, 74.8454, 84.6008



72.2150, 74.8454, 70.0772



67.0314, 74.8454, 78.4640



70.0723, 74.8454, 94.0878

Rectangle

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



75.4096, 74.8454, 84.6008



74.7095, 74.8454, 74.4878



67.0314, 74.8454, 78.4640



67.6828, 74.8454, 88.9261

Sweetspot

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



75.4117, 74.8487, 84.6024



92.0192, 94.9603, 104.7395



73.6475, 73.7560, 92.7940



19.5265, 20.0443, 22.1843



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

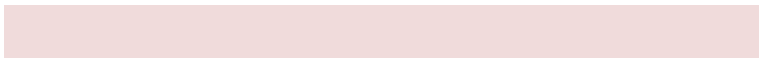
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4117, 74.8487, 84.6024



85.3709, 83.9649, 95.4287



74.1470, 74.4890, 77.4915



16.0862, 15.8842, 18.0099



21.4086, 10.8358, 10.0679



1.8310, 0.9214, 1.1007

Inverse Universe

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



75.4117, 74.8487, 84.6024



85.3709, 83.9649, 95.4287



76.0011, 83.4676, 94.5445



16.0862, 15.8842, 18.0099



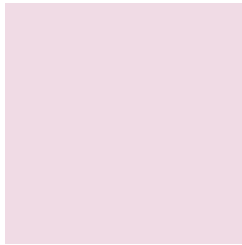
21.4086, 10.8358, 10.0679



1.8310, 0.9214, 1.1007

Previews

White Background



This preview shows how the XYZ color 75.4096, 74.8454, 84.6008 looks on a white background.

Color Contrast Check

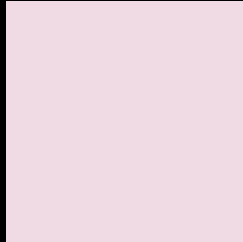
Large Text (above 18pt) WCAG AA × Fail

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 75.4096, 74.8454, 84.6008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

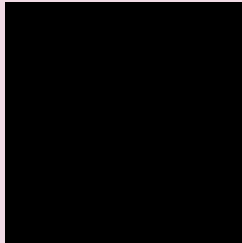
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4096, 74.8454, 84.6008

Background



This preview shows how black text looks on a background with the XYZ color 75.4096, 74.8454, 84.6008.

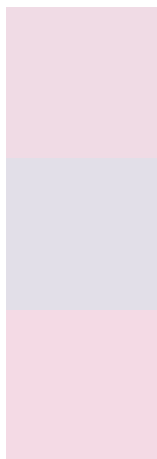


This preview shows how white text looks on a background with the XYZ color 75.4096, 74.8454,

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

75.4096, 74.8454, 84.6008

Protanopia

72.3172, 74.7703, 86.9645

Deuteranopia

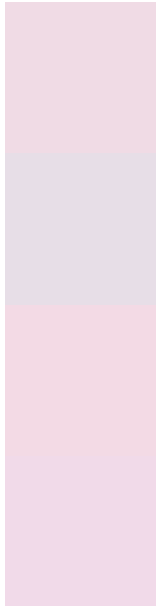
76.5225, 75.0330, 84.5784



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

75.4096, 74.8454, 84.6008

Protanomaly

73.5001, 75.0010, 86.2041

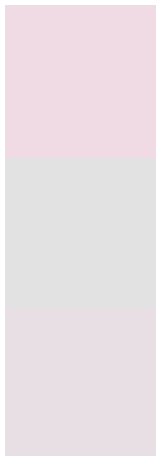
Deuteranomaly

76.1764, 74.8546, 84.5622

Tritanomaly

76.0550, 74.7268, 87.5060

Monochromacy



Original Color

75.4096, 74.8454, 84.6008

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 75.4096, 74.8454, 84.6008 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, 219, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 229)  
}
```

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, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.4096, 74.8454, 84.6008 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, 219, 229) }
```


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

```
.border{ border-color:rgb(240, 219, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4096, 74.8454, 84.6008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 229) }
```

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

```
.background{ background-color: rgb(240,  
219, 229) }
```

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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