

Converting Colors

XYZ(75.6464, 74.9000, 85.7965)

Have a look what the booklet for
XYZ(75.6464, 74.9000, 85.7965)
contains.

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Color

**XYZ(75.6905, 74.9578,
86.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBE7
RGB	240, 219, 231
RGB Percent	94%, 86%, 91%
CMY	0.0588, 0.1412, 0.0941
CMYK	0.00, 0.09, 0.04, 0.06
HSL	326°, 41%, 90%
HSV	326°, 9%, 94%
XYZ	75.6905, 74.9578, 86.0803
YIQ	226.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

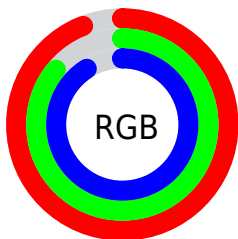
Format	Color
R_{YB}	240, 219, 231
Decimal	15784935
CIE Lab	89.37, 9.26, -3.25
CIE LCh	89, 9.812, 340.634
Yxy	74.9578, 0.3197, 0.3166
Android (android.graphics.Color)	4293975015 (0xFFFF0DBE7)
YUV	226.6470, 2.1460, 11.7106
Hunter-Lab	86.5782, 4.5409, 1.6557

Details

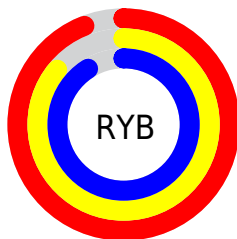
The XYZ color **75.6905, 74.9578, 86.0803** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3799, 82.9837, 85.5000**, and the grayscale version is **72.7396, 76.5277, 83.3387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7805, 39.8364, 46.0973** is the 20% darker color. If you saturate the color by 10%, you get **68.4650, 62.7634, 76.7129**, and if you desaturate by 10%, it is **83.9084, 88.9983, 96.2017**.

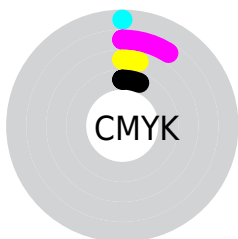
Distribution



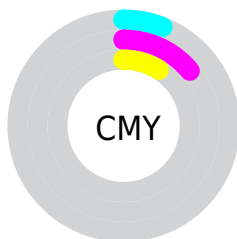
- Red (94%)
- Green (86%)
- Blue (91%)



- Red (94%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6905, 74.9578, 86.0803 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 75.6905, 74.9578, 86.0803 by changing the saturation by 10% instead.


 75.6905, 74.9578,
86.0803

 75.6905, 74.9578,
86.0803


469.2483,
477.7725, 535.4335

 56.4749, 55.5783,
64.1791


126.2720,
126.2526, 143.7691

 40.8223, 39.8649,
46.3486


158.3686,
158.9368, 180.3937

 28.3673, 27.4333,
32.1704


195.4897,
196.8246, 222.7633

 18.7446, 17.8989,
21.2258

238.0005,
240.3004, 271.2963

 11.5888, 10.8774,
13.0963

286.2664,
289.7488, 326.4113

 6.5345, 5.9845,
7.3634

340.6527,

 3.2165, 2.8356,

345.5540, 388.5268

3.6085

401.5249,
408.1004, 458.0613

■ 1.2692, 1.0465,
1.4131

■ 0.1600, 0.0000,
0.1519

■ 75.6905, 74.9578,
86.0803

■ 75.6905, 74.9578,
86.0803

■ 68.4650, 62.7634,
76.7129

■ 83.9084, 88.9983,
96.2017

■ 62.1856, 52.3277,
68.0742

■ 89.1994, 97.0470,
105.7750

■ 56.8117, 43.5712,
60.1442

■ 89.7457, 97.2655,
108.6518

■ 52.2972, 36.4039,
52.8999

■ 48.5917, 30.7276,
46.3169

■ 45.6394, 26.4332,
40.3684

■ 43.3766, 23.3963,
35.0250

■ 41.7286, 21.4699,
30.2530

■ 40.5856, 20.4377,
26.0072

Harmonies

Analogous

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



74.2945, 74.9578, 92.0683



75.6905, 74.9578, 86.0803



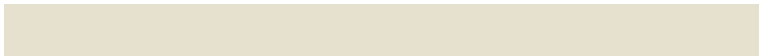
75.8801, 74.9578, 79.2005

Triad

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



75.6905, 74.9578, 86.0803



70.3965, 74.9578, 69.2976



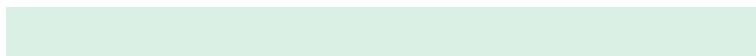
67.7983, 74.9578, 90.5341

Complementary

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



75.6905, 74.9578, 86.0803



74.3799, 82.9837, 85.5000

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.



66.8029, 74.9578, 84.0808



75.6905, 74.9578, 86.0803



68.2804, 74.9578, 71.9868

Square

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



75.6905, 74.9578, 86.0803



72.7872, 74.9578, 69.7659



66.9773, 74.9578, 77.3094



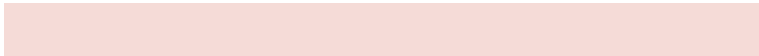
69.7250, 74.9578, 94.7379

Rectangle

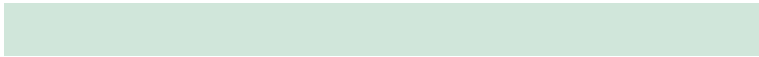
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6905, 74.9578, 86.0803



75.2923, 74.9578, 75.0621



66.9773, 74.9578, 77.3094



67.3457, 74.9578, 88.5414

Sweetspot

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



75.6926, 74.9611, 86.0819



92.1344, 95.0064, 105.3457



72.9782, 73.4110, 92.7626



19.5576, 20.0567, 22.3479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

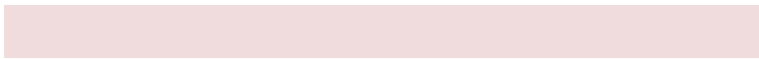
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6926, 74.9611, 86.0819



85.7375, 84.1116, 97.3595



74.2872, 74.3989, 78.6808



16.1513, 15.9102, 18.3528



22.2161, 11.1589, 14.3205



1.8979, 0.9482, 1.4532

Inverse Universe

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



75.6926, 74.9611, 86.0819



85.7375, 84.1116, 97.3595



75.8452, 83.5698, 93.2161



16.1513, 15.9102, 18.3528



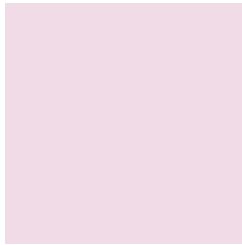
22.2161, 11.1589, 14.3205



1.8979, 0.9482, 1.4532

Previews

White Background



This preview shows how the XYZ color 75.6905, 74.9578, 86.0803 looks on a white background.

Color Contrast Check

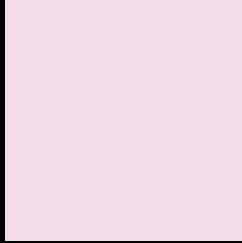
Large Text (above 18pt) WCAG AA × Fail

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 75.6905, 74.9578, 86.0803 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 75.6905, 74.9578, 86.0803

Background



This preview shows how black text looks on a background with the XYZ color 75.6905, 74.9578, 86.0803.

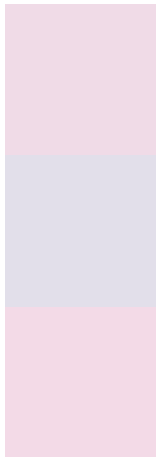


This preview shows how white text looks on a background with the XYZ color 75.6905, 74.9578,

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

75.6905, 74.9578, 86.0803

Protanopia

72.6030, 74.8846, 88.4695

Deuteranopia

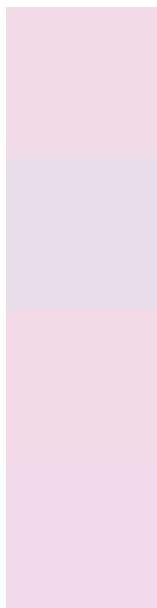
76.4574, 74.9670, 86.0416



Tritanopia

76.3424, 74.8417, 89.0195

Trichromacy



Original Color

75.6905, 74.9578, 86.0803

Protanomaly

73.7843, 75.1147, 87.7005

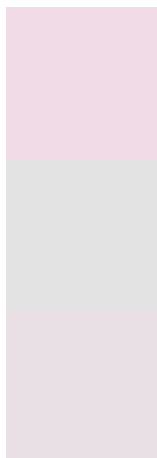
Deuteranomaly

76.1132, 74.7896, 86.0255

Tritanomaly

76.1983, 74.7841, 88.2606

Monochromacy



Original Color

75.6905, 74.9578, 86.0803

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9380, 76.0686, 84.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6905, 74.9578, 86.0803 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, 231) looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 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(240, 219, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.6905, 74.9578, 86.0803 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, 231) }
```


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

```
.border{ border-color:rgb(240, 219, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6905, 74.9578, 86.0803 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, 231) }
```

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

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