

Converting Colors

XYZ(75.4703, 74.4449, 85.4501)

Have a look what the booklet for
XYZ(75.4703, 74.4449, 85.4501)
contains.

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Color

**XYZ(75.2895, 74.3812,
85.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DAE6
RGB	240, 218, 230
RGB Percent	94%, 85%, 90%
CMY	0.0588, 0.1451, 0.0980
CMYK	0.00, 0.09, 0.04, 0.06
HSL	327°, 42%, 90%
HSV	327°, 9%, 94%
XYZ	75.2895, 74.3812, 85.2517
YIQ	225.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

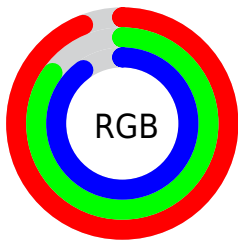
Format	Color
R _Y B	240, 218, 230
Decimal	15784678
CIE Lab	89.10, 9.60, -3.13
CIE LCh	89, 10.100, 341.974
Yxy	74.3812, 0.3205, 0.3166
Android (android.graphics.Color)	4293974758 (0xFFFF0DAE6)
YUV	225.9460, 1.9986, 12.3254
Hunter-Lab	86.2445, 4.8985, 1.7637

Details

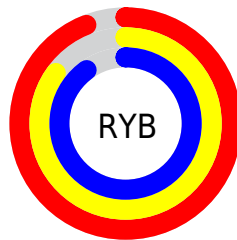
The XYZ color **75.2895, 74.3812, 85.2517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0800, 82.8290, 85.4860**, and the grayscale version is **72.2328, 75.9946, 82.7581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6022, 39.4799, 46.0379** is the 20% darker color. If you saturate the color by 10%, you get **68.0267, 62.2307, 75.5065**, and if you desaturate by 10%, it is **83.5536, 88.3788, 95.8057**.

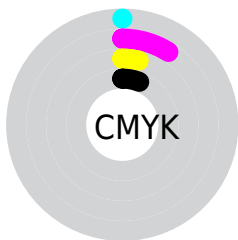
Distribution



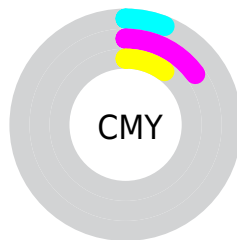
- Red (94%)
- Green (85%)
- Blue (90%)



- Red (94%)
- Yellow (85%)
- Blue (90%)



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



- Cyan (6%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2895, 74.3812, 85.2517 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 75.2895, 74.3812, 85.2517 by changing the saturation by 10% instead.

75.2895, 74.3812,
85.2517

75.2895, 74.3812,
85.2517

467.8939,
475.7880, 532.6269

56.1451, 55.1061,
63.4980

125.7078,
125.4360, 142.6021

40.5567, 39.4867,
45.8006

157.7124,
157.9846, 179.0358

28.1590, 27.1385,
31.7410

194.7345,
195.7263, 221.2001

18.5866, 17.6773,
20.9006

237.1393,
239.0458, 269.5133

11.4742, 10.7186,
12.8608

285.2923,
288.3273, 324.3940

6.4564, 5.8779,
7.2032

339.5589,

3.1678, 2.7710,

343.9552, 386.2609

3.5091

400.3043,
406.3140, 455.5323

■ 1.2431, 1.0134,
1.3601

■ 0.1400, 0.0000,
0.1103

■ 75.2895, 74.3812,
85.2517

■ 75.2895, 74.3812,
85.2517

■ 68.0267, 62.2307,
75.5065

■ 83.5536, 88.3788,
95.8057

■ 61.7186, 51.8398,
66.5432

■ 89.2384, 97.0626,
105.9807

■ 56.3241, 43.1284,
58.3404

■ 89.7457, 97.2655,
108.6518

■ 51.7967, 36.0062,
50.8733

■ 48.0855, 30.3745,
44.1157

■ 45.1340, 26.1234,
38.0390

■ 42.8778, 23.1277,
32.6117

■ 41.2413, 21.2389,
27.7982

■ 40.1086, 20.2295,
23.5491

Harmonies

Analogous

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



73.9069, 74.3812, 91.4792



75.2895, 74.3812, 85.2517



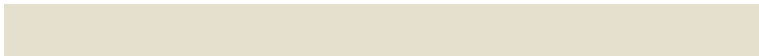
75.4243, 74.3812, 78.2113

Triad

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



75.2895, 74.3812, 85.2517



69.7206, 74.3812, 68.4503



67.2397, 74.3812, 90.3871

Complementary

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



75.2895, 74.3812, 85.2517



74.0800, 82.8290, 85.4860

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.



66.1716, 74.3812, 83.8307



75.2895, 74.3812, 85.2517



67.5816, 74.3812, 71.3321

Square

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



75.2895, 74.3812, 85.2517



72.1704, 74.3812, 68.7816



66.2953, 74.3812, 76.8698



69.2440, 74.3812, 94.5604

Rectangle

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



75.2895, 74.3812, 85.2517



74.7846, 74.3812, 74.0270



66.2953, 74.3812, 76.8698



66.7614, 74.3812, 88.3732

Sweetspot

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



75.2916, 74.3844, 85.2533



92.1029, 94.9938, 105.1802



72.7656, 72.9153, 92.6781



19.5491, 20.0533, 22.3032



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.



75.2916, 74.3844, 85.2533



84.7597, 82.5965, 95.6749



73.8086, 73.7912, 77.4436



16.1334, 15.9031, 18.2589



21.9780, 11.0636, 13.0667



1.8785, 0.9404, 1.3510

Inverse Universe

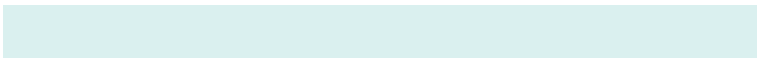
The Inverse Universe completely reimagines the original color for something new.



75.2916, 74.3844, 85.2533



84.7597, 82.5965, 95.6749



75.6411, 83.4535, 93.7066



16.1334, 15.9031, 18.2589



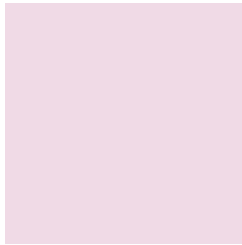
21.9780, 11.0636, 13.0667



1.8785, 0.9404, 1.3510

Previews

White Background



This preview shows how the XYZ color 75.2895, 74.3812, 85.2517 looks on a white background.

Color Contrast Check

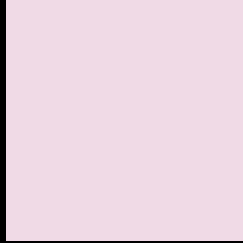
Large Text (above 18pt) WCAG AA × Fail

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 75.2895, 74.3812, 85.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

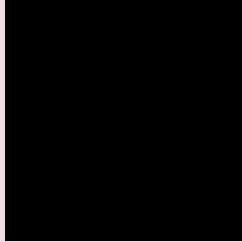
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2895, 74.3812, 85.2517

Background



This preview shows how black text looks on a background with the XYZ color 75.2895, 74.3812, 85.2517.

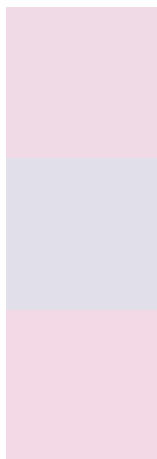


This preview shows how white text looks on a background with the XYZ color 75.2895, 74.3812, 85.2517.

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

75.2895, 74.3812, 85.2517

Protanopia

72.1470, 74.6661, 87.7002

Deuteranopia

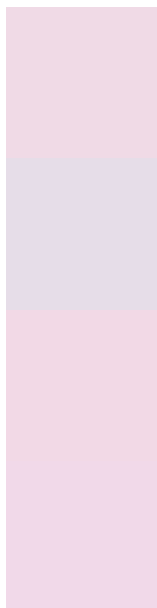
76.0579, 74.3936, 85.2136



Tritanopia

75.9398, 74.2670, 88.1744

Trichromacy



Original Color

75.2895, 74.3812, 85.2517

Protanomaly

73.0551, 74.3621, 86.8468

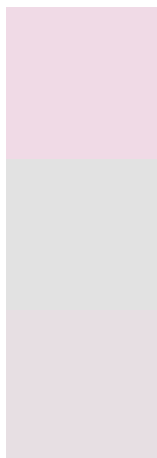
Deuteranomaly

75.7137, 74.2161, 85.1975

Tritanomaly

75.7965, 74.2097, 87.4198

Monochromacy



Original Color

75.2895, 74.3812, 85.2517

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 75.2895, 74.3812, 85.2517 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, 218, 230) looks like.

```
.text, #text, p{  
    color:rgb(240, 218, 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(240, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 218, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.2895, 74.3812, 85.2517 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, 218, 230) }
```


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

```
.border{ border-color:rgb(240, 218, 230) }
```

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

Here you see how a box with a 4 pixel rgb(240, 218, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 218,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2895, 74.3812, 85.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 218, 230) }
```

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

```
.background{ background-color: rgb(240,  
218, 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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