

Converting Colors

XYZ(75.1061, 73.3970, 85.1610)

Have a look what the booklet for
XYZ(75.1061, 73.3970, 85.1610)
contains.

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Color

**XYZ(75.1144, 73.5257,
85.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D8E6
RGB	241, 216, 230
RGB Percent	95%, 85%, 90%
CMY	0.0549, 0.1529, 0.0980
CMYK	0.00, 0.10, 0.05, 0.05
HSL	326°, 47%, 90%
HSV	326°, 10%, 95%
XYZ	75.1144, 73.5257, 85.0958
YIQ	225.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

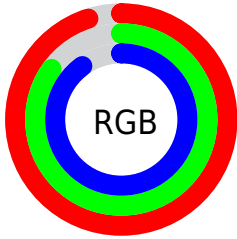
Format	Color
R_{YB}	241, 216, 230
Decimal	15849702
CIE _{Lab}	88.70, 10.99, -3.71
CIE _{LCh}	89, 11.598, 341.343
Yxy	73.5257, 0.3214, 0.3146
Android (android.graphics.Color)	4294039782 (0xFFFF1D8E6)
YUV	225.0710, 2.4300, 13.9697
Hunter-Lab	85.7471, 6.3084, 1.1834

Details

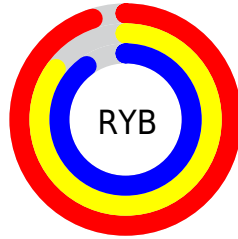
The XYZ color **75.1144, 73.5257, 85.0958** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6422, 83.0575, 84.8274**, and the grayscale version is **71.5987, 75.3274, 82.0316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4903, 38.8992, 45.9317** is the 20% darker color. If you saturate the color by 10%, you get **67.9433, 61.4942, 75.5798**, and if you desaturate by 10%, it is **83.2859, 87.4109, 95.3942**.

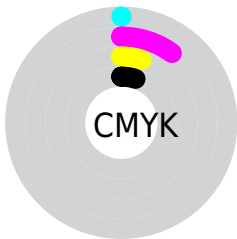
Distribution



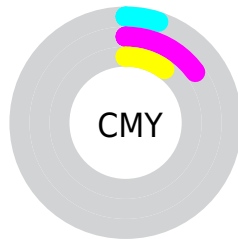
- Red (95%)
- Green (85%)
- Blue (90%)



- Red (95%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1144, 73.5257, 85.0958 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 75.1144, 73.5257, 85.0958 by changing the saturation by 10% instead.

75.1144, 73.5257,
85.0958

75.1144, 73.5257,
85.0958

467.3018,
472.8348, 532.0979

56.0011, 54.4059,
63.3699

125.4613,
124.2232, 142.3824

40.4408, 38.9263,
45.6976

157.4257,
156.5698, 178.7801

28.0682, 26.7024,
31.6603

194.4045,
194.0940, 220.9057

18.5178, 17.3498,
20.8395

236.7630,
237.1804, 269.1774

11.4243, 10.4842,
12.8167

284.8666,
286.2132, 324.0140

6.4224, 5.7212,
7.1732

339.0807,

3.1466, 2.6763,

341.5770, 385.8339

3.4906

399.7707,
403.6560, 455.0557

■ 1.2318, 0.9652,
1.3502

■ 0.1312, 0.0000,
0.1024

■ 75.1144, 73.5257,
85.0958

■ 75.1144, 73.5257,
85.0958

■ 67.9433, 61.4942,
75.5798

■ 83.2859, 87.4109,
95.3942

■ 61.7254, 51.2275,
66.8199

■ 89.4822, 97.1995,
105.4881

■ 56.4190, 42.6441,
58.7950

■ 90.0860, 97.4410,
108.6677

■ 51.9768, 35.6518,
51.4809

■ 48.3470, 30.1499,
44.8519

■ 45.4718, 26.0258,
38.8798

■ 43.2853, 23.1507,
33.5336

■ 41.7093, 21.3711,
28.7775

■ 40.6452, 20.4487,
24.7055

Harmonies

Analogous

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



73.5040, 73.5257, 92.2104



75.1144, 73.5257, 85.0958



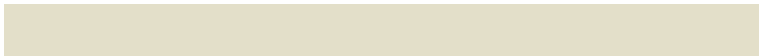
75.3012, 73.5257, 77.0601

Triad

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



75.1144, 73.5257, 85.0958



68.8296, 73.5257, 65.8600



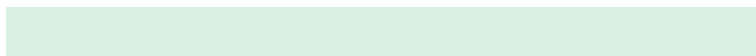
65.9162, 73.5257, 90.6893

Complementary

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



75.1144, 73.5257, 85.0958



73.6422, 83.0575, 84.8274

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.



64.7330, 73.5257, 83.1306



75.1144, 73.5257, 85.0958



66.3848, 73.5257, 69.0213

Square

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



75.1144, 73.5257, 85.0958



71.6219, 73.5257, 66.3083



64.9022, 73.5257, 75.2211



68.1744, 73.5257, 95.5857

Rectangle

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



75.1144, 73.5257, 85.0958



74.5877, 73.5257, 72.2954



64.9022, 73.5257, 75.2211



65.3823, 73.5257, 88.3551

Sweetspot

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



75.1165, 73.5289, 85.0974



92.1205, 95.0009, 105.2729



72.0619, 71.7700, 93.2750



19.5538, 20.0552, 22.3282



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.



75.1165, 73.5289, 85.0974



83.9603, 81.1694, 94.8798



73.4454, 72.8605, 76.2974



16.1434, 15.9071, 18.3115



22.1098, 11.1163, 13.7605



1.8893, 0.9448, 1.4078

Inverse Universe

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



75.1165, 73.5289, 85.0974



83.9603, 81.1694, 94.8798



75.4058, 83.7629, 94.1145



16.1434, 15.9071, 18.3115



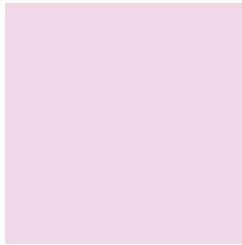
22.1098, 11.1163, 13.7605



1.8893, 0.9448, 1.4078

Previews

White Background



This preview shows how the XYZ color 75.1144, 73.5257, 85.0958 looks on a white background.

Color Contrast Check

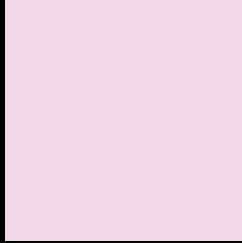
Large Text (above 18pt) WCAG AA × Fail

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 75.1144, 73.5257, 85.0958 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 75.1144, 73.5257, 85.0958

Background



This preview shows how black text looks on a background with the XYZ color 75.1144, 73.5257, 85.0958.

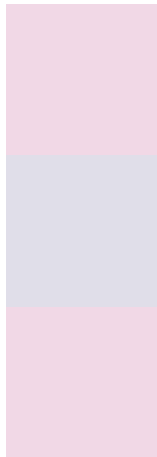


This preview shows how white text looks on a background with the XYZ color 75.1144, 73.5257,

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

75.1144, 73.5257, 85.0958

Protanopia

71.5697, 73.9730, 87.5969

Deuteranopia

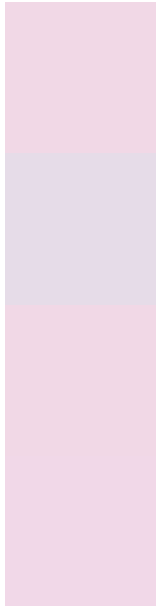
75.1144, 73.5257, 85.0958



Tritanopia

75.5395, 73.6957, 87.3341

Trichromacy



Original Color

75.1144, 73.5257, 85.0958

Protanomaly

72.7918, 73.8356, 86.7591

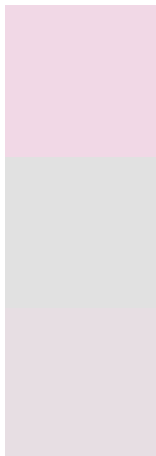
Deuteranomaly

75.1144, 73.5257, 85.0958

Tritanomaly

75.3970, 73.6387, 86.5838

Monochromacy



Original Color

75.1144, 73.5257, 85.0958

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9414, 74.7775, 83.2621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1144, 73.5257, 85.0958 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, 216, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.1144, 73.5257, 85.0958 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, 216, 230) }
```


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

```
.border{ border-color:rgb(241, 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(241, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 216,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1144, 73.5257, 85.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 216, 230) }
```

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

```
.background{ background-color: rgb(241,  
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](#).

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