

Converting Colors

XYZ(77.5984, 77.3525, 82.0237)

Have a look what the booklet for
XYZ(77.5984, 77.3525, 82.0237)
contains.

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Color

**XYZ(77.3681, 77.0913,
82.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DEE1
RGB	245, 222, 225
RGB Percent	96%, 87%, 88%
CMY	0.0392, 0.1294, 0.1176
CMYK	0.00, 0.09, 0.08, 0.04
HSL	352°, 53%, 92%
HSV	352°, 9%, 96%
XYZ	77.3681, 77.0913, 82.0365
YIQ	229.2190, 12.7450, 5.8090

Conversions

Conversions Part 2

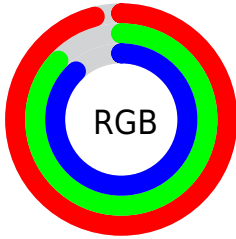
Format	Color
R _Y B	245, 222, 225
Decimal	16113377
CIE Lab	90.36, 8.39, 1.40
CIE LCh	90, 8.502, 9.453
Yxy	77.0913, 0.3271, 0.3260
Android (android.graphics.Color)	4294303457 (0xFF5DEE1)
YUV	229.2190, -2.0800, 13.8399
Hunter-Lab	87.8017, 3.6358, 6.0642

Details

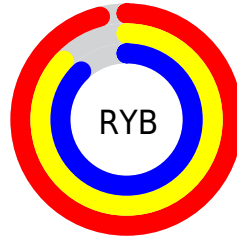
The XYZ color **77.3681, 77.0913, 82.0365** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8066, 87.2472, 96.6957**, and the grayscale version is **74.6475, 78.5350, 85.5246**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0607, 41.3585, 43.7964** is the 20% darker color. If you saturate the color by 10%, you get **68.6002, 63.9202, 65.6561**, and if you desaturate by 10%, it is **87.4487, 92.3053, 100.6461**.

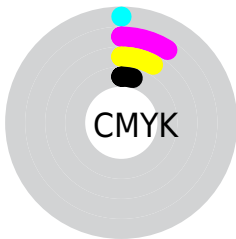
Distribution



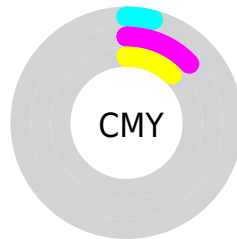
- Red (96%)
- Green (87%)
- Blue (88%)



- Red (96%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3681, 77.0913, 82.0365 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 77.3681, 77.0913, 82.0365 by changing the saturation by 10% instead.

77.3681, 77.0913,
82.0365

77.3681, 77.0913,
82.0365

474.8909,
485.0753, 521.6564

57.8560, 57.3278,
60.8596

128.6290,
129.2684, 138.0623

41.9357, 41.2685,
43.6821

161.1086,
162.4507, 173.7484

29.2418, 28.5289,
30.0853

198.6414,
200.8748, 215.1079

19.4091, 18.7248,
19.6507

241.5927,
244.9250, 262.5594

12.0720, 11.4716,
11.9599

290.3280,
294.9858, 316.5215

6.8653, 6.3850,
6.5941

345.2126,

3.4236, 3.0805,

351.4415, 377.4126

3.1350

406.6117,
414.6765, 445.6515

■ 1.3815, 1.1739,
1.1640

■ 0.2430, 0.0403,
0.0000

■ 77.3681, 77.0913,
82.0365

■ 77.3681, 77.0913,
82.0365

■ 68.6002, 63.9202,
65.6561

■ 87.4487, 92.3053,
100.6461

■ 61.0846, 52.6953,
51.4164

■ 91.4666, 98.1527,
108.7323

■ 54.7657, 43.3273,
39.2300

■ 49.5815, 35.7160,
29.0019

■ 45.4639, 29.7514,
20.6294

■ 42.3378, 25.3114,
14.0003

■ 40.1180, 22.2569,
8.9903

■ 38.7046, 20.4231,
5.4582

■ 37.9506, 19.5564,
3.2300

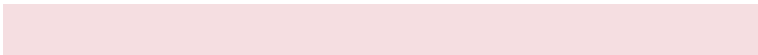
Harmonies

Analogous

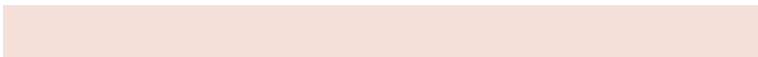
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1568, 77.0913, 88.1040



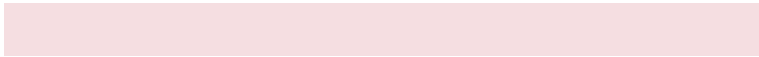
77.3681, 77.0913, 82.0365



76.4659, 77.0913, 76.7371

Triad

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



77.3681, 77.0913, 82.0365



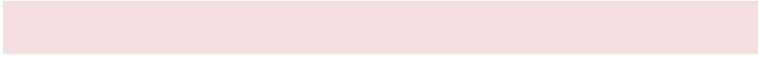
70.7130, 77.0913, 75.2435



71.8515, 77.0913, 95.3528

Complementary

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



77.3681, 77.0913, 82.0365



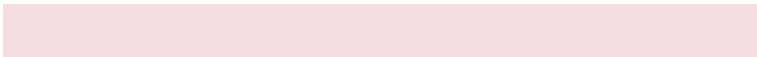
78.8066, 87.2472, 96.6957

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.



70.1702, 77.0913, 91.5786



77.3681, 77.0913, 82.0365



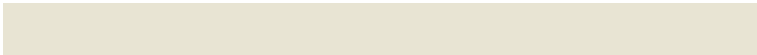
69.5217, 77.0913, 79.9080

Square

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



77.3681, 77.0913, 82.0365



72.6055, 77.0913, 72.9418



69.3250, 77.0913, 85.8713



73.9445, 77.0913, 95.9902

Rectangle

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



77.3681, 77.0913, 82.0365



75.3644, 77.0913, 74.2810



69.3250, 77.0913, 85.8713



71.2206, 77.0913, 94.4005

Sweetspot

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



77.3703, 77.0947, 82.0381



91.6050, 94.7946, 102.5582



79.2002, 77.7041, 97.2113



19.4150, 19.9997, 21.5971



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.



77.3703, 77.0947, 82.0381



83.0633, 81.9180, 86.7423



79.2609, 81.5244, 80.6696



16.5870, 16.5176, 17.5717



20.4536, 10.5249, 1.8313



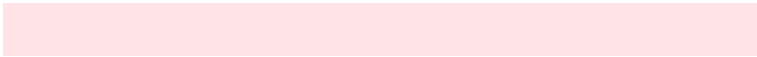
1.8248, 0.9359, 0.3039

Inverse Universe

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



77.3703, 77.0947, 82.0381



83.0633, 81.9180, 86.7423



76.7673, 82.4426, 98.2541



16.5870, 16.5176, 17.5717



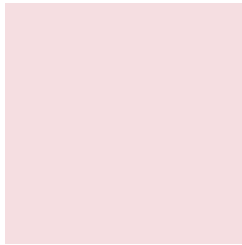
20.4536, 10.5249, 1.8313



1.8248, 0.9359, 0.3039

Previews

White Background



This preview shows how the XYZ color 77.3681, 77.0913, 82.0365 looks on a white background.

Color Contrast Check

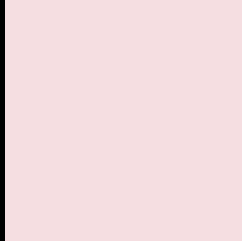
Large Text (above 18pt) WCAG AA × Fail

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 77.3681, 77.0913, 82.0365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

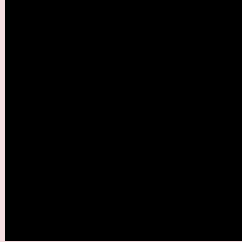
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3681, 77.0913, 82.0365

Background



This preview shows how black text looks on a background with the XYZ color 77.3681, 77.0913, 82.0365.

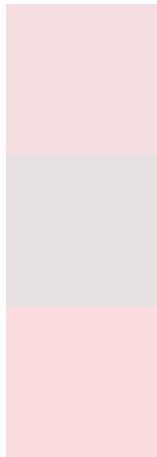


This preview shows how white text looks on a background with the XYZ color 77.3681, 77.0913,

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

77.3681, 77.0913, 82.0365

Protanopia

74.0165, 76.9277, 83.6205

Deuteranopia

78.6081, 76.9466, 81.9433



Tritanopia

79.2370, 77.0750, 90.8215

Trichromacy



Original Color

77.3681, 77.0913, 82.0365

Protanomaly

75.2448, 77.1743, 82.8818

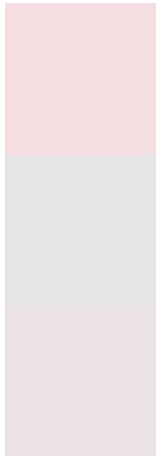
Deuteranomaly

78.1585, 77.1056, 81.9976

Tritanomaly

78.5705, 77.1889, 87.8486

Monochromacy



Original Color

77.3681, 77.0913, 82.0365

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4609, 77.6563, 84.4107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3681, 77.0913, 82.0365 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(245, 222, 225) looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 225)  
}
```

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(245, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.3681, 77.0913, 82.0365 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(245, 222, 225) }
```


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

```
.border{ border-color:rgb(245, 222, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3681, 77.0913, 82.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 225) }
```

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

```
.background{ background-color: rgb(245,  
222, 225) }
```

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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