

Converting Colors

XYZ(92.5957, 77.1355, 78.3941)

Have a look what the booklet for
XYZ(92.5957, 77.1355, 78.3941)
contains.

XYZ(75.1778, 68.2537, 77.6186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.1778, 68.2537,
77.6186)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DD
RGB	255, 201, 221
RGB Percent	100%, 79%, 87%
CMY	0.0000, 0.2117, 0.1333
CMYK	0.00, 0.21, 0.13, 0.00
HSL	338°, 100%, 89%
HSV	338°, 21%, 100%
XYZ	75.1778, 68.2537, 77.6186
YIQ	219.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

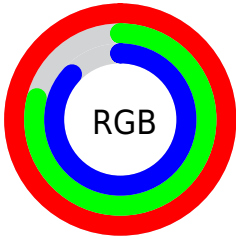
Format	Color
RYB	255, 201, 221
Decimal	16763357
CIELab	86.13, 22.17, -2.57
CIElCh	86, 22.322, 353.388
Yxy	68.2537, 0.3401, 0.3088
Android (android.graphics.Color)	4294953437 (0xFFFFC9DD)
YUV	219.4260, 0.7760, 31.1984
Hunter-Lab	82.6158, 17.8518, 2.1273

Details

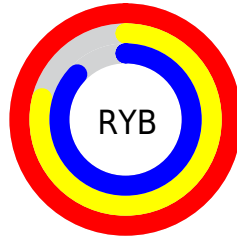
The XYZ color **75.1778, 68.2537, 77.6186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8450, 89.9367, 92.0155**, and the grayscale version is **67.6114, 71.1324, 77.4632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6054, 35.6264, 40.8128** is the 20% darker color. If you saturate the color by 10%, you get **67.6814, 56.5224, 65.0653**, and if you desaturate by 10%, it is **83.8687, 82.0461, 91.5813**.

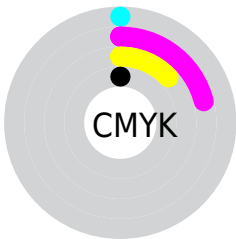
Distribution



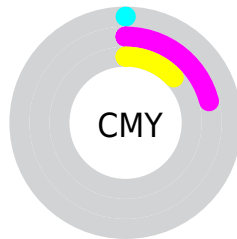
- Red (100%)
- Green (79%)
- Blue (87%)



- Red (100%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1778, 68.2537, 77.6186 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 75.1778, 68.2537, 77.6186 by changing the saturation by 10% instead.

75.1778, 68.2537,
77.6186

75.1778, 68.2537,
77.6186

467.5162,
454.3944, 506.3641

56.0533, 50.1042,
57.2461

125.5506,
116.7150, 131.7933

40.4828, 35.4962,
40.7922

157.5295,
147.7956, 166.4326

28.1011, 24.0453,
27.8383

194.5240,
183.9552, 206.6646

18.5427, 15.3672,
17.9658

236.8993,
225.5784, 252.9079

11.4423, 9.0775,
10.7563

285.0208,
273.0496, 305.5809

6.4347, 4.7918,
5.7911

339.2539,

3.1543, 2.1256,

326.7530, 365.1023

2.6517

399.9639,
387.0731, 431.8905

■ 1.2359, 0.6790,
0.9190

■ 0.1344, 0.0000,
0.0000

■ 75.1778, 68.2537,
77.6186

■ 75.1778, 68.2537,
77.6186

■ 67.6814, 56.5224,
65.0653

■ 83.8687, 82.0461,
91.5813

■ 61.3204, 46.7438,
53.8709

■ 93.8002, 97.9837,
106.9933

■ 56.0377, 38.8130,
43.9878

95.0500, 100.0000,
108.9000

■ 51.7690, 32.6114,
35.3636

■ 48.4427, 28.0065,
27.9420

■ 45.9773, 24.8464,
21.6614

■ 44.2757, 22.9490,
16.4527

■ 43.2799, 22.0760,
12.6719

Harmonies

Analogous

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



73.1211, 68.2537, 92.4783



75.1778, 68.2537, 77.6186



74.3587, 68.2537, 63.6529

Triad

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



75.1778, 68.2537, 77.6186



61.0341, 68.2537, 51.2777



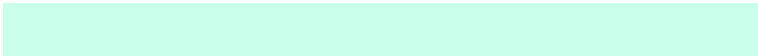
59.1639, 68.2537, 99.3891

Complementary

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



75.1778, 68.2537, 77.6186



74.8450, 89.9367, 92.0155

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.



56.2306, 68.2537, 86.1095



75.1778, 68.2537, 77.6186



57.2699, 68.2537, 58.7036

Square

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



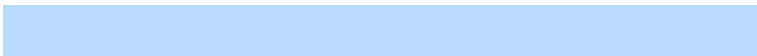
75.1778, 68.2537, 77.6186



66.0160, 68.2537, 49.6293



55.5559, 68.2537, 71.1097



63.7434, 68.2537, 106.0743

Rectangle

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



75.1778, 68.2537, 77.6186



72.3121, 68.2537, 56.5439



55.5559, 68.2537, 71.1097



57.9626, 68.2537, 95.4706

Sweetspot

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



75.1793, 68.2566, 77.6200



88.8492, 90.0186, 99.3719



72.9690, 66.5397, 103.6053



18.8788, 19.0454, 21.0546



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.



75.1793, 68.2566, 77.6200



72.1729, 63.5298, 72.6531



74.1702, 70.2510, 64.9126



18.2875, 18.0983, 20.1311



22.6805, 11.5615, 6.9680



2.2590, 1.1460, 0.9451

Inverse Universe

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



75.1793, 68.2566, 77.6200



72.1729, 63.5298, 72.6531



75.9222, 87.2048, 107.4384



18.2875, 18.0983, 20.1311



22.6805, 11.5615, 6.9680



2.2590, 1.1460, 0.9451

Previews

White Background



This preview shows how the XYZ color 75.1778, 68.2537, 77.6186 looks on a white background.

Color Contrast Check

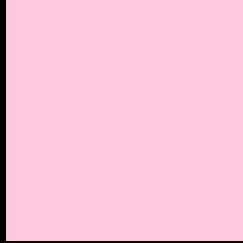
Large Text (above 18pt) WCAG AA × Fail

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 75.1778, 68.2537, 77.6186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

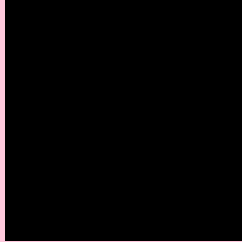
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1778, 68.2537, 77.6186

Background



This preview shows how black text looks on a background with the XYZ color 75.1778, 68.2537, 77.6186.



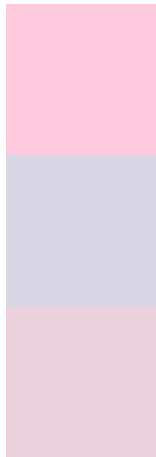
This preview shows how white text looks on a background with the XYZ color 75.1778, 68.2537,

77.6186.

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

75.1778, 68.2537, 77.6186

Protanopia

66.5083, 68.3492, 83.8161

Deuteranopia

69.8476, 68.3776, 76.5347



Tritanopia

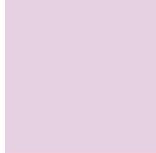
74.8849, 68.5108, 74.9227

Trichromacy



Original Color

75.1778, 68.2537, 77.6186



Protanomaly

69.1611, 67.9149, 81.4152



Deuteranomaly

71.6075, 68.1872, 77.0975



Tritanomaly

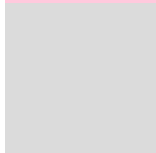
75.0154, 68.5630, 75.6099

Monochromacy



Original Color

75.1778, 68.2537, 77.6186



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

69.7405, 69.4101, 77.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1778, 68.2537, 77.6186 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(255, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 221)  
}
```

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(255, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.1778, 68.2537, 77.6186 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(255, 201, 221) }
```


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

```
.border{ border-color:rgb(255, 201, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 201, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1778, 68.2537, 77.6186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 221) }
```

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

```
.background{ background-color: rgb(255,  
201, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor