

Converting Colors

XYZ(88.1010, 77.8813, 84.0689)

Have a look what the booklet for
XYZ(88.1010, 77.8813, 84.0689)
contains.

XYZ(78.2902, 72.9546, 83.3541)	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(78.2902, 72.9546,
83.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E4
RGB	255, 210, 228
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1764, 0.1059
CMYK	0.00, 0.18, 0.11, 0.00
HSL	336°, 100%, 91%
HSV	336°, 18%, 100%
XYZ	78.2902, 72.9546, 83.3541
YIQ	225.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

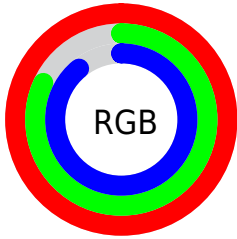
Format	Color
R _Y B	255, 210, 228
Decimal	16765668
CIE Lab	88.43, 18.59, -2.91
CIE LCh	88, 18.813, 351.091
Yxy	72.9546, 0.3337, 0.3110
Android (android.graphics.Color)	4294955748 (0xFFFFD2E4)
YUV	225.5070, 1.2290, 25.8654
Hunter-Lab	85.4135, 14.1400, 1.9289

Details

The XYZ color **78.2902, 72.9546, 83.3541** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6268, 91.3372, 93.6627**, and the grayscale version is **71.9152, 75.6604, 82.3942**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5529, 38.4656, 44.7170** is the 20% darker color. If you saturate the color by 10%, you get **70.4580, 60.5404, 70.7234**, and if you desaturate by 10%, it is **87.3168, 87.4561, 97.3125**.

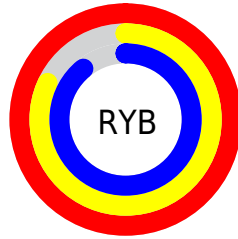
Distribution



Red (100%)

Green (82%)

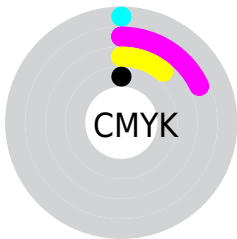
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

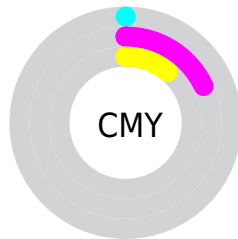


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2902, 72.9546, 83.3541 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 78.2902, 72.9546, 83.3541 by changing the saturation by 10% instead.

 78.2902, 72.9546,
83.3541

 78.2902, 72.9546,
83.3541


477.9766,
470.8574, 526.1678

 58.6160, 53.9388,
61.9400

129.9223,
123.4128, 139.9250

 42.5493, 38.5528,
44.5487


162.6110,
155.6239, 175.9188

 29.7246, 26.4120,
30.7618


200.3685,
193.0024, 217.6097

 19.7767, 17.1321,
20.1606

243.5603,
235.9325, 265.4160

 12.3401, 10.3287,
12.3266

292.5516,
284.7987, 319.7565

 7.0496, 5.6175,
6.8413

347.7078,

 3.5398, 2.6139,

339.9853, 381.0496

3.2861

409.3944,
401.8767, 449.7138

■ 1.4452, 0.9337,
1.2425

■ 0.2881, 0.0000,
0.0140

■ 78.2902, 72.9546,
83.3541

■ 78.2902, 72.9546,
83.3541

■ 70.4580, 60.5404,
70.7234

■ 87.3168, 87.4561,
97.3125

■ 63.7630, 50.1078,
59.3744

95.0500, 100.0000,
108.9000

■ 58.1506, 41.5554,
49.2651

■ 53.5594, 34.7689,
40.3489

■ 49.9218, 29.6217,
32.5759

■ 47.1612, 25.9699,
25.8920

■ 45.1879, 23.6445,
20.2369

■ 43.8855, 22.4225,
15.5396

■ 43.6377, 22.2191,
14.5560

Harmonies

Analogous

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



76.3291, 72.9546, 96.1234



78.2902, 72.9546, 83.3541



77.7736, 72.9546, 70.8076

Triad

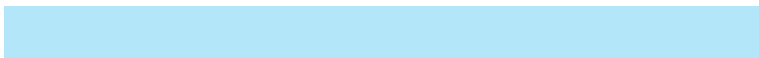
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2902, 72.9546, 83.3541



66.2593, 72.9546, 58.3944



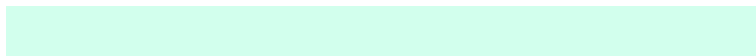
64.0224, 72.9546, 100.4291

Complementary

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



78.2902, 72.9546, 83.3541



77.6268, 91.3372, 93.6627

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.



61.5414, 72.9546, 88.7365



78.2902, 72.9546, 83.3541



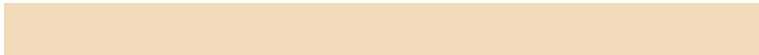
62.7933, 72.9546, 64.7997

Square

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



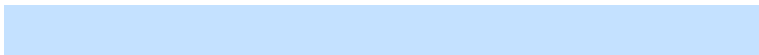
78.2902, 72.9546, 83.3541



70.6964, 72.9546, 57.2875



61.1015, 72.9546, 75.6410



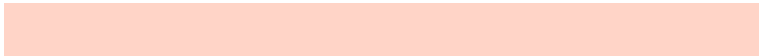
68.0034, 72.9546, 106.6616

Rectangle

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



78.2902, 72.9546, 83.3541



76.1024, 72.9546, 64.1676



61.1015, 72.9546, 75.6410



62.9927, 72.9546, 96.9505

Sweetspot

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



78.2918, 72.9576, 83.3556



89.9091, 91.6502, 101.2302



76.0239, 71.3210, 104.3672



19.0950, 19.3752, 21.4426



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.



78.2918, 72.9576, 83.3556



75.5331, 68.5640, 78.9715



77.0483, 74.2628, 71.2499



18.3103, 18.1075, 20.2514



22.8704, 11.6375, 7.9681



2.2790, 1.1540, 1.0507

Inverse Universe

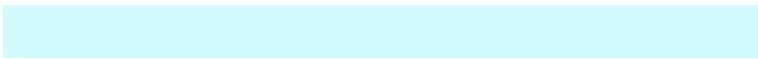
The Inverse Universe completely reimagines the original color for something new.



78.2918, 72.9576, 83.3556



75.5331, 68.5640, 78.9715



78.9714, 89.6053, 107.7410



18.3103, 18.1075, 20.2514



22.8704, 11.6375, 7.9681



2.2790, 1.1540, 1.0507

Previews

White Background



This preview shows how the XYZ color 78.2902, 72.9546, 83.3541 looks on a white background.

Color Contrast Check

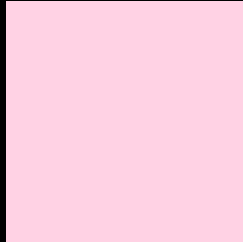
Large Text (above 18pt) WCAG AA × Fail

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 78.2902, 72.9546, 83.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

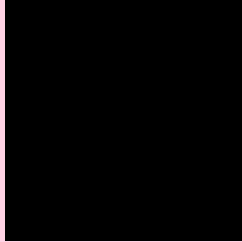
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2902, 72.9546, 83.3541

Background



This preview shows how black text looks on a background with the XYZ color 78.2902, 72.9546, 83.3541.



This preview shows how white text looks on a background with the XYZ color 78.2902, 72.9546,

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

78.2902, 72.9546, 83.3541

Protanopia

71.1392, 73.3414, 88.2488

Deuteranopia

74.4412, 72.8477, 82.8106



Tritanopia

78.1517, 72.8992, 82.6250

Trichromacy



Original Color

78.2902, 72.9546, 83.3541

Protanomaly

73.6393, 73.1141, 86.5751

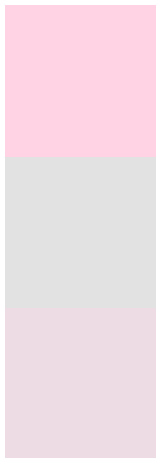
Deuteranomaly

75.6654, 72.7274, 82.7228

Tritanomaly

78.1517, 72.8992, 82.6250

Monochromacy



Original Color

78.2902, 72.9546, 83.3541

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3834, 74.7370, 83.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2902, 72.9546, 83.3541 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, 210, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 228)  
}
```

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, 210, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 228) }
```

Border

The CSS property to change the border of an element to XYZ 78.2902, 72.9546, 83.3541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

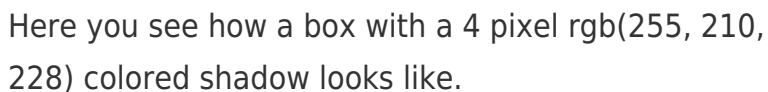
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 228) }
```


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

```
.border{ border-color:rgb(255, 210, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 228); box-shadow:4px 4px 4px 4px rgb(255, 210, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2902, 72.9546, 83.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 228) }
```

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

```
.background{ background-color: rgb(255,  
210, 228) }
```

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