

Converting Colors

XYZ(77.8936, 72.9249, 80.8687)

Have a look what the booklet for
XYZ(77.8936, 72.9249, 80.8687)
contains.

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Color

**XYZ(77.8772, 72.7894,
81.1794)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2E1
RGB	255, 210, 225
RGB Percent	100%, 82%, 88%
CMY	0.0000, 0.1764, 0.1176
CMYK	0.00, 0.18, 0.12, 0.00
HSL	340°, 100%, 91%
HSV	340°, 18%, 100%
XYZ	77.8772, 72.7894, 81.1794
YIQ	225.1650, 22.0050, 14.2050

Conversions

Conversions Part 2

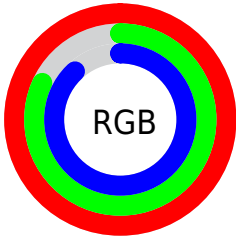
Format	Color
R _Y B	255, 210, 225
Decimal	16765665
CIE Lab	88.35, 18.10, -1.44
CIE LCh	88, 18.157, 355.438
Yxy	72.7894, 0.3359, 0.3140
Android (android.graphics.Color)	4294955745 (0xFFFFD2E1)
YUV	225.1650, -0.0813, 26.1653
Hunter-Lab	85.3167, 13.6308, 3.3069

Details

The XYZ color **77.8772, 72.7894, 81.1794** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0689, 91.5140, 95.9909**, and the grayscale version is **71.6776, 75.4105, 82.1220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2657, 38.3507, 43.2050** is the 20% darker color. If you saturate the color by 10%, you get **69.8710, 60.3056, 67.6321**, and if you desaturate by 10%, it is **87.1208, 87.3778, 96.2805**.

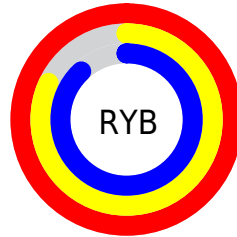
Distribution



Red (100%)

Green (82%)

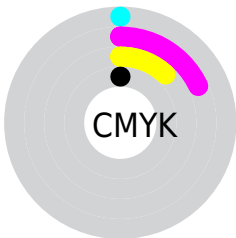
Blue (88%)



Red (100%)

Yellow (82%)

Blue (88%)

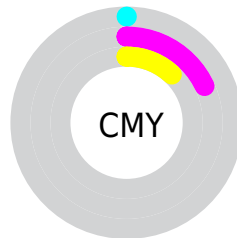


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8772, 72.7894, 81.1794 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 77.8772, 72.7894, 81.1794 by changing the saturation by 10% instead.

77.8772, 72.7894,
81.1794

77.8772, 72.7894,
81.1794

476.5959,
470.2846, 518.7099

58.2755, 53.8038,
60.1575

129.3433,
123.1782, 136.8490

42.2743, 38.4448,
43.1195

161.9384,
155.3501, 172.3337

29.5082, 26.3281,
29.6468

199.5954,
192.6863, 213.4765

19.6118, 17.0693,
19.3209

242.6796,
235.5711, 260.6959

12.2198, 10.2839,
11.7232

291.5564,
284.3890, 314.4104

6.9668, 5.5876,
6.4352

346.5912,

3.4875, 2.5960,

339.5242, 375.0385

3.0385

408.1492,
401.3613, 442.9988

■ 1.4165, 0.9246,
1.1143

■ 0.2679, 0.0000,
0.0000

■ 77.8772, 72.7894,
81.1794

■ 77.8772, 72.7894,
81.1794

■ 69.8710, 60.3056,
67.6321

■ 87.1208, 87.3778,
96.2805

■ 63.0430, 49.8199,
55.5829

95.0500, 100.0000,
108.9000

■ 57.3367, 41.2298,
44.9792

■ 52.6886, 34.4206,
35.7633

■ 49.0288, 29.2645,
27.8733

■ 46.2781, 25.6167,
21.2420

■ 44.3444, 23.3070,
15.7949

■ 43.1080, 22.1115,
11.4449

■ 42.8791, 21.9157,
10.5616

Harmonies

Analogous

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



76.3163, 72.7894, 93.6630



77.8772, 72.7894, 81.1794



77.0300, 72.7894, 69.3883

Triad

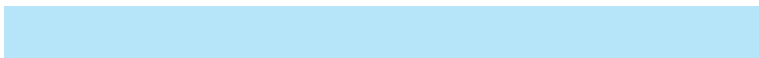
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8772, 72.7894, 81.1794



65.6472, 72.7894, 59.5000



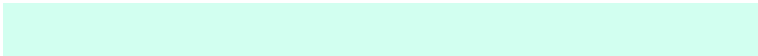
64.5388, 72.7894, 100.7048

Complementary

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



77.8772, 72.7894, 81.1794



78.0689, 91.5140, 95.9909

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.



61.8900, 72.7894, 90.0159



77.8772, 72.7894, 81.1794



62.5108, 72.7894, 66.4065

Square

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



77.8772, 72.7894, 81.1794



69.8528, 72.7894, 57.6604



61.1633, 72.7894, 77.3618



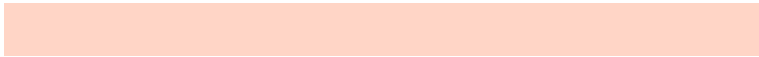
68.5198, 72.7894, 105.6633

Rectangle

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



77.8772, 72.7894, 81.1794



75.2317, 72.7894, 63.3578



61.1633, 72.7894, 77.3618



63.4697, 72.7894, 97.6116

Sweetspot

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



77.8789, 72.7925, 81.1809



89.7779, 91.5977, 100.5394



77.0339, 71.8417, 104.4145



19.0632, 19.3625, 21.2750



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

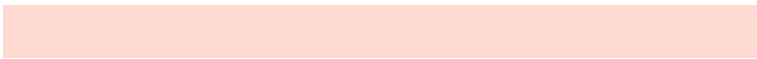
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8789, 72.7925, 81.1809



75.0570, 68.3735, 76.4645



77.8168, 75.7999, 71.5061



18.2591, 18.0869, 19.9813



22.4668, 11.4760, 5.8427



2.2358, 1.1367, 0.8231

Inverse Universe

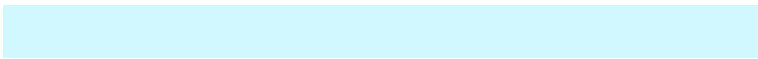
The Inverse Universe completely reimagines the original color for something new.



77.8789, 72.7925, 81.1809



75.0570, 68.3735, 76.4645



78.0442, 87.7509, 107.4320



18.2591, 18.0869, 19.9813



22.4668, 11.4760, 5.8427



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 77.8772, 72.7894, 81.1794 looks on a white background.

Color Contrast Check

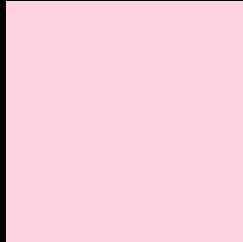
Large Text (above 18pt) WCAG AA × Fail

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 77.8772, 72.7894, 81.1794 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 77.8772, 72.7894, 81.1794

Background



This preview shows how black text looks on a background with the XYZ color 77.8772, 72.7894, 81.1794.



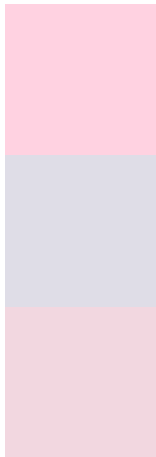
This preview shows how white text looks on a background with the XYZ color 77.8772, 72.7894,

81.1794.

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

77.8772, 72.7894, 81.1794

Protanopia

70.7117, 73.1704, 85.9977

Deuteranopia

74.3729, 72.8599, 80.6645



Tritanopia

78.0141, 72.8442, 81.9001

Trichromacy



Original Color

77.8772, 72.7894, 81.1794

Protanomaly

73.2167, 72.9450, 84.3496

Deuteranomaly

75.6066, 72.7445, 80.5772

Tritanomaly

78.0141, 72.8442, 81.9001

Monochromacy



Original Color

77.8772, 72.7894, 81.1794

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.7759, 74.4555, 81.7171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8772, 72.7894, 81.1794 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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(255, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.8772, 72.7894, 81.1794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

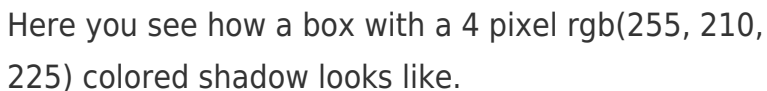
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 225) }
```


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

```
.border{ border-color:rgb(255, 210, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 225); box-shadow:4px 4px 4px 4px rgb(255, 210, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8772, 72.7894, 81.1794 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, 225) }
```

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

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