

Converting Colors

XYZ(80.2010, 76.5457, 84.7018)

Have a look what the booklet for
XYZ(80.2010, 76.5457, 84.7018)
contains.

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Color

**XYZ(80.1957, 76.5429,
84.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E5
RGB	255, 217, 229
RGB Percent	100%, 85%, 90%
CMY	0.0000, 0.1490, 0.1020
CMYK	0.00, 0.15, 0.10, 0.00
HSL	341°, 100%, 93%
HSV	341°, 15%, 100%
XYZ	80.1957, 76.5429, 84.6762
YIQ	229.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

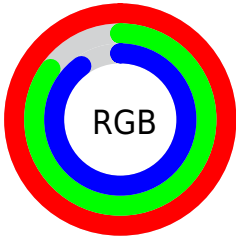
Format	Color
R _Y B	255, 217, 229
Decimal	16767461
CIE Lab	90.11, 15.10, -0.97
CIE LCh	90, 15.127, 356.320
Yxy	76.5429, 0.3322, 0.3171
Android (android.graphics.Color)	4294957541 (0xFFFFD9E5)
YUV	229.7300, -0.3599, 22.1618
Hunter-Lab	87.4888, 10.5148, 3.8582

Details

The XYZ color **80.1957, 76.5429, 84.6762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5555, 92.7440, 98.4534**, and the grayscale version is **75.0087, 78.9150, 85.9384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8490, 40.9024, 45.6283** is the 20% darker color. If you saturate the color by 10%, you get **71.8086, 63.4737, 70.4585**, and if you desaturate by 10%, it is **89.8468, 91.7475, 100.5255**.

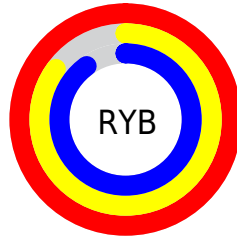
Distribution



Red (100%)

Green (85%)

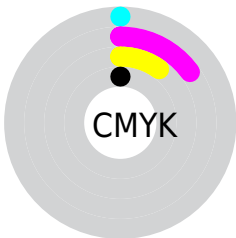
Blue (90%)



Red (100%)

Yellow (85%)

Blue (90%)

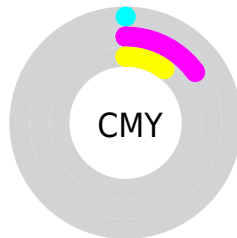


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.1957, 76.5429, 84.6762 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 80.1957, 76.5429, 84.6762 by changing the saturation by 10% instead.

80.1957, 76.5429,
84.6762

80.1957, 76.5429,
84.6762

484.3186,
483.2041, 530.6726

60.1884, 56.8778,
63.0253

132.5899,
128.4940, 141.7908

43.8206, 40.9071,
45.4205

165.7076,
161.5489, 178.0916

30.7268, 28.2465,
31.4434

203.9261,
199.8357, 220.1127

20.5417, 18.5116,
20.6754

247.6108,
243.7390, 268.2728

12.9000, 11.3179,
12.6980

297.1270,
293.6430, 322.9902

7.4362, 6.2811,
7.0927

352.8402,

3.7851, 3.0167,

349.9323, 384.6837

3.4408

415.1156,
412.9912, 453.7716

■ 1.5813, 1.1405,
1.3239

■ 0.3802, 0.0123,
0.0812

■ 80.1957, 76.5429,
84.6762

■ 80.1957, 76.5429,
84.6762

■ 71.8086, 63.4737,
70.4585

■ 89.8468, 91.7475,
100.5255

■ 64.6265, 52.4343,
57.8142

95.0500, 100.0000,
108.9000

■ 58.5936, 43.3250,
46.6886

■ 53.6472, 36.0332,
37.0216

■ 49.7188, 30.4349,
28.7490

■ 46.7312, 26.3905,
21.8013

■ 44.5957, 23.7373,
16.1018

■ 43.2043, 22.2761,
11.5638

■ 42.7068, 21.8467,
9.6541

Harmonies

Analogous

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



78.9254, 76.5429, 95.3404



80.1957, 76.5429, 84.6762



79.4156, 76.5429, 74.5080

Triad

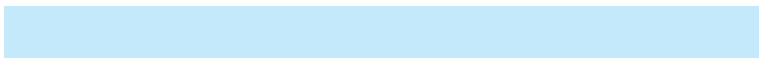
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1957, 76.5429, 84.6762



69.5979, 76.5429, 66.1515



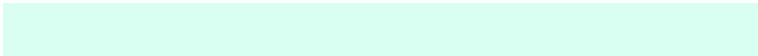
68.8216, 76.5429, 101.7561

Complementary

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



80.1957, 76.5429, 84.6762



80.5555, 92.7440, 98.4534

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.



66.4715, 76.5429, 92.8485



80.1957, 76.5429, 84.6762



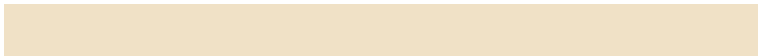
66.9087, 76.5429, 72.3954

Square

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



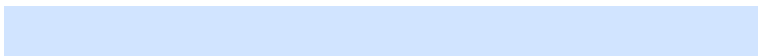
80.1957, 76.5429, 84.6762



73.2160, 76.5429, 64.3671



65.7833, 76.5429, 82.0223



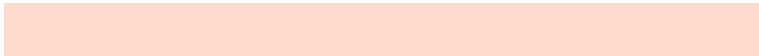
72.2894, 76.5429, 105.7219

Rectangle

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



80.1957, 76.5429, 84.6762



77.8518, 76.5429, 69.2674



65.7833, 76.5429, 82.0223



67.8794, 76.5429, 99.2050

Sweetspot

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



80.1975, 76.5461, 84.6778



90.7784, 93.2224, 102.0327



79.8158, 75.8980, 105.0508



19.2634, 19.6892, 21.5692



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

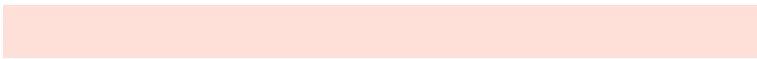
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1975, 76.5461, 84.6778



77.4642, 72.2697, 80.0974



80.4132, 79.5662, 76.7694



18.2456, 18.0816, 19.9106



22.3745, 11.4391, 5.3566



2.2255, 1.1326, 0.7691

Inverse Universe

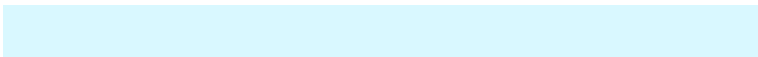
The Inverse Universe completely reimagines the original color for something new.



80.1975, 76.5461, 84.6778



77.4642, 72.2697, 80.0974



80.2451, 89.1287, 107.5819



18.2456, 18.0816, 19.9106



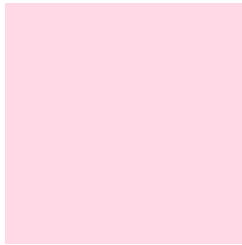
22.3745, 11.4391, 5.3566



2.2255, 1.1326, 0.7691

Previews

White Background



This preview shows how the XYZ color 80.1957, 76.5429, 84.6762 looks on a white background.

Color Contrast Check

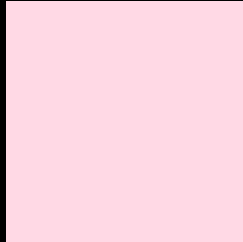
Large Text (above 18pt) WCAG AA × Fail

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 80.1957, 76.5429, 84.6762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

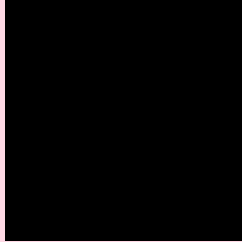
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1957, 76.5429, 84.6762

Background



This preview shows how black text looks on a background with the XYZ color 80.1957, 76.5429, 84.6762.

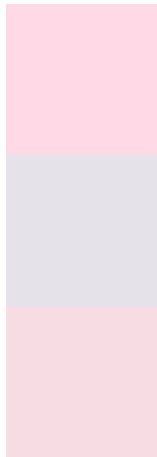


This preview shows how white text looks on a background with the XYZ color 80.1957, 76.5429,

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

80.1957, 76.5429, 84.6762

Protanopia

74.3607, 76.9912, 88.7835

Deuteranopia

78.3082, 76.7443, 84.0846



Tritanopia

80.7608, 76.7689, 87.6521

Trichromacy



Original Color

80.1957, 76.5429, 84.6762

Protanomaly

76.2131, 76.7787, 87.1468

Deuteranomaly

79.1188, 76.7737, 84.0476

Tritanomaly

80.6183, 76.7119, 86.9018

Monochromacy



Original Color

80.1957, 76.5429, 84.6762

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.8047, 77.9143, 85.8538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1957, 76.5429, 84.6762 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, 217, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 229)  
}
```

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, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 229) }
```

Border

The CSS property to change the border of an element to XYZ 80.1957, 76.5429, 84.6762 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, 217, 229) }
```


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

```
.border{ border-color:rgb(255, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1957, 76.5429, 84.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 229) }
```

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

```
.background{ background-color: rgb(255,  
217, 229) }
```

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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