

Converting Colors

XYZ(77.6049, 71.7378, 82.6520)

Have a look what the booklet for
XYZ(77.6049, 71.7378, 82.6520)
contains.

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Color

**XYZ(77.6610, 71.9178,
82.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0E3
RGB	255, 208, 227
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1843, 0.1098
CMYK	0.00, 0.18, 0.11, 0.00
HSL	336°, 100%, 91%
HSV	336°, 18%, 100%
XYZ	77.6610, 71.9178, 82.4614
YIQ	224.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

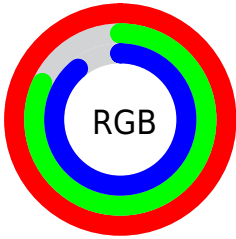
Format	Color
R_{YB}	255, 208, 227
Decimal	16765155
CIE _{Lab}	87.93, 19.47, -3.11
CIE _{LCh}	88, 19.717, 350.910
Yxy	71.9178, 0.3347, 0.3099
Android (android.graphics.Color)	4294955235 (0xFFFFD0E3)
YUV	224.2190, 1.3710, 26.9949
Hunter-Lab	84.8044, 15.0567, 1.7111

Details

The XYZ color **77.6610, 71.9178, 82.4614** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9151, 90.9872, 92.8688**, and the grayscale version is **70.9891, 74.6861, 81.3332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1263, 37.7668, 44.0991** is the 20% darker color. If you saturate the color by 10%, you get **69.9313, 59.6674, 69.9921**, and if you desaturate by 10%, it is **86.5786, 86.2472, 96.2415**.

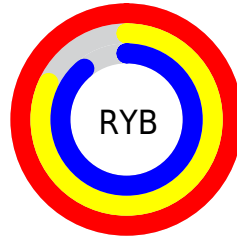
Distribution



Red (100%)

Green (82%)

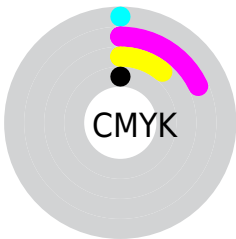
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

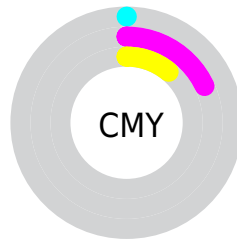


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6610, 71.9178, 82.4614 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 77.6610, 71.9178, 82.4614 by changing the saturation by 10% instead.

77.6610, 71.9178,
82.4614

77.6610, 71.9178,
82.4614

475.8722,
467.2554, 523.1137

58.0974, 53.0915,
61.2079

129.0400,
121.9397, 138.6633

42.1305, 37.8758,
43.9613

161.5861,
153.9040, 174.4488

29.3950, 25.8863,
30.3031

199.1904,
191.0166, 215.9154

19.5256, 16.7386,
19.8148

242.2182,
233.6617, 263.4817

12.1570, 10.0483,
12.0777

291.0350,
282.2237, 317.5661

6.9236, 5.4310,
6.6735

346.0060,

3.4603, 2.5023,

337.0871, 378.5872

3.1834

407.4966,
398.6362, 446.9635

■ 1.4016, 0.8778,
1.1890

■ 0.2574, 0.0000,
0.0000

■ 77.6610, 71.9178,
82.4614

■ 77.6610, 71.9178,
82.4614

■ 69.9313, 59.6674,
69.9921

■ 86.5786, 86.2472,
96.2415

■ 63.3321, 49.3896,
58.7881

95.0500, 100.0000,
108.9000

■ 57.8084, 40.9825,
48.8077

■ 53.2988, 34.3310,
40.0048

■ 49.7349, 29.3073,
32.3299

■ 47.0394, 25.7661,
25.7291

■ 45.1218, 23.5357,
20.1424

■ 43.8570, 22.3764,
15.4965

■ 43.6919, 22.2407,
14.8413

Harmonies

Analogous

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



75.6031, 71.9178, 95.7620



77.6610, 71.9178, 82.4614



77.1384, 71.9178, 69.4383

Triad

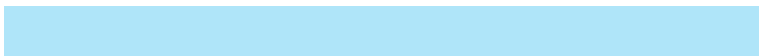
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6610, 71.9178, 82.4614



65.1848, 71.9178, 56.5566



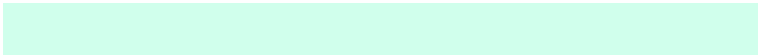
62.8211, 71.9178, 100.1313

Complementary

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



77.6610, 71.9178, 82.4614



76.9151, 90.9872, 92.8688

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.



60.2663, 71.9178, 87.8988



77.6610, 71.9178, 82.4614



61.5869, 71.9178, 63.1122

Square

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



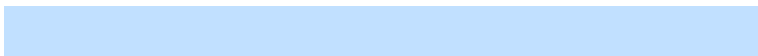
77.6610, 71.9178, 82.4614



69.7916, 71.9178, 55.4548



59.8251, 71.9178, 74.2931



66.9397, 71.9178, 106.7042

Rectangle

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



77.6610, 71.9178, 82.4614



75.4062, 71.9178, 62.5690



59.8251, 71.9178, 74.2931



61.7590, 71.9178, 96.4831

Sweetspot

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



77.6627, 71.9208, 82.4629



88.9287, 90.0504, 99.7902



75.0069, 70.0683, 104.1790



18.8976, 19.0529, 21.1533



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.



77.6627, 71.9208, 82.4629



74.7685, 67.3121, 77.8616



76.1499, 72.8624, 69.7287



18.3136, 18.1088, 20.2688



22.8991, 11.6489, 8.1193



2.2820, 1.1552, 1.0665

Inverse Universe

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



77.6627, 71.9208, 82.4629



74.7685, 67.3121, 77.8616



78.5875, 89.6775, 107.7752



18.3136, 18.1088, 20.2688



22.8991, 11.6489, 8.1193



2.2820, 1.1552, 1.0665

Previews

White Background



This preview shows how the XYZ color 77.6610, 71.9178, 82.4614 looks on a white background.

Color Contrast Check

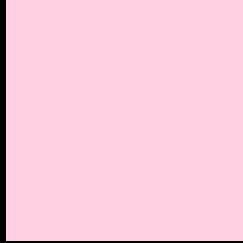
Large Text (above 18pt) WCAG AA × Fail

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 77.6610, 71.9178, 82.4614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

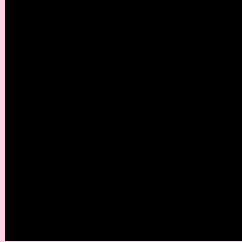
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6610, 71.9178, 82.4614

Background



This preview shows how black text looks on a background with the XYZ color 77.6610, 71.9178, 82.4614.



This preview shows how white text looks on a background with the XYZ color 77.6610, 71.9178,

82.4614.

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

77.6610, 71.9178, 82.4614

Protanopia

70.0016, 71.9757, 88.0451

Deuteranopia

73.7092, 72.1094, 81.9851



Tritanopia

77.3865, 71.8080, 81.0158

Trichromacy



Original Color

77.6610, 71.9178, 82.4614

Protanomaly

72.3285, 71.6940, 85.6275

Deuteranomaly

74.9271, 71.9904, 81.8980

Tritanomaly

77.5233, 71.8627, 81.7365

Monochromacy



Original Color

77.6610, 71.9178, 82.4614

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9230, 73.2412, 81.5277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6610, 71.9178, 82.4614 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, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 227)  
}
```

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, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 227) }
```

Border

The CSS property to change the border of an element to XYZ 77.6610, 71.9178, 82.4614 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, 208, 227) }
```


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

```
.border{ border-color:rgb(255, 208, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6610, 71.9178, 82.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 227) }
```

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

```
.background{ background-color: rgb(255,  
208, 227) }
```

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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