

Converting Colors

XYZ(70.3808, 64.0822, 80.4148)

Have a look what the booklet for
XYZ(70.3808, 64.0822, 80.4148)
contains.

XYZ(70.4295, 64.0255, 80.5976)	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(70.4295, 64.0255,
80.5976)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C4E2
RGB	243, 196, 226
RGB Percent	95%, 77%, 89%
CMY	0.0471, 0.2314, 0.1137
CMYK	0.00, 0.19, 0.07, 0.05
HSL	322°, 66%, 86%
HSV	322°, 19%, 95%
XYZ	70.4295, 64.0255, 80.5976
YIQ	213.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

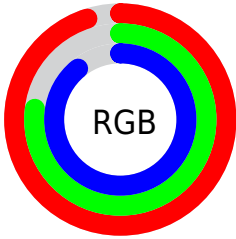
Format	Color
R _Y B	243, 196, 226
Decimal	15975650
CIE Lab	83.98, 21.51, -8.54
CIE LCh	84, 23.145, 338.344
Yxy	64.0255, 0.3275, 0.2977
Android (android.graphics.Color)	4294165730 (0xFFFF3C4E2)
YUV	213.4730, 6.1758, 25.8952
Hunter-Lab	80.0159, 17.0866, -3.7098

Details

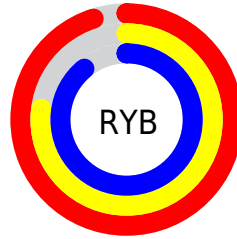
The XYZ color **70.4295, 64.0255, 80.5976** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.8283, 80.6428, 74.9978**, and the grayscale version is **63.5154, 66.8231, 72.7704**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **37.2734, 32.7254, 42.8802** is the 20% darker color. If you saturate the color by 10%, you get **64.2109, 53.4687, 72.7259**, and if you desaturate by 10%, it is **77.6013, 76.3880, 89.0937**.

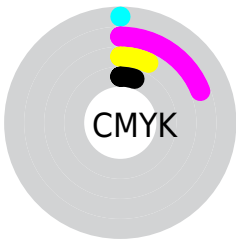
Distribution



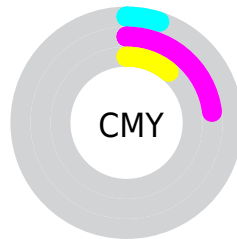
- Red (95%)
- Green (77%)
- Blue (89%)



- Red (95%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4295, 64.0255, 80.5976 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 70.4295, 64.0255, 80.5976 by changing the saturation by 10% instead.


 70.4295, 64.0255,
80.5976

 70.4295, 64.0255,
80.5976

451.2995,
439.2817, 516.7043

 52.1576, 46.6713,
59.6812


118.8440,
110.6477, 136.0246

 37.3555, 32.7759,
42.7381

149.7173,
140.6844, 171.3722

 25.6578, 21.9548,
29.3498


185.5218,
175.7175, 212.3674

 16.6991, 13.8237,
19.0977

226.6228,
216.1314, 259.4285

 10.1142, 7.9982,
11.5634

273.3858,
262.3103, 312.9743

 5.5376, 4.0938,
6.3282


326.1760,

 2.6040, 1.7262,


314.6387, 373.4231


2.9737


385.3588,
373.5011, 441.1936


 0.9480, 0.4405,
1.0812


 0.0000, 0.0000,
0.0000


 70.4295, 64.0255,
80.5976


 70.4295, 64.0255,
80.5976


 64.2109, 53.4687,
72.7259


 77.6013, 76.3880,
89.0937


 58.8964, 44.6234,
65.4553

 85.7615, 90.6277,
98.2280

 54.4408, 37.3998,
58.7671

 90.3522, 97.6268,
106.4865

 50.7924, 31.6963,
52.6392

 90.7725, 97.7949,
108.6998

■ 47.8939, 27.3996,
47.0476

■ 45.6799, 24.3809,
41.9656

■ 44.0732, 22.4868,
37.3623

■ 42.9536, 21.4792,
33.1925

■ 42.8873, 21.4248,
32.9290

Harmonies

Analogous

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



67.1419, 64.0255, 94.1370



70.4295, 64.0255, 80.5976



71.0800, 64.0255, 65.7171

Triad

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



70.4295, 64.0255, 80.5976



59.4426, 64.0255, 45.4572



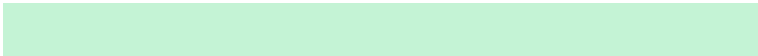
53.4837, 64.0255, 88.6246

Complementary

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



70.4295, 64.0255, 80.5976



66.8283, 80.6428, 74.9978

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.



51.6596, 64.0255, 73.8675



70.4295, 64.0255, 80.5976



54.9720, 64.0255, 49.9272

Square

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



70.4295, 64.0255, 80.5976



64.5449, 64.0255, 46.7360



52.1889, 64.0255, 59.8551



57.3072, 64.0255, 99.2034

Rectangle

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



70.4295, 64.0255, 80.5976



69.8980, 64.0255, 57.2133



52.1889, 64.0255, 59.8551



52.6264, 64.0255, 83.9121

Sweetspot

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



70.4314, 64.0283, 80.5990



89.4834, 90.2723, 102.7117



63.2015, 60.0182, 93.0485



19.0287, 19.1053, 21.8437



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.



70.4314, 64.0283, 80.5990



75.8793, 66.8261, 86.5790



67.4898, 62.8517, 65.1087



16.9444, 16.6606, 19.4537



23.6047, 11.7853, 18.4247



2.1237, 1.0555, 1.8780

Inverse Universe

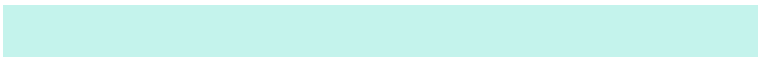
The Inverse Universe completely reimagines the original color for something new.



70.4314, 64.0283, 80.5990



75.8793, 66.8261, 86.5790



69.9507, 81.8917, 91.4401



16.9444, 16.6606, 19.4537



23.6047, 11.7853, 18.4247



2.1237, 1.0555, 1.8780

Previews

White Background



This preview shows how the XYZ color 70.4295, 64.0255, 80.5976 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 70.4295, 64.0255, 80.5976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

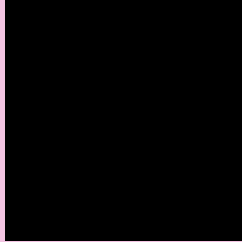
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4295, 64.0255, 80.5976

Background



This preview shows how black text looks on a background with the XYZ color 70.4295, 64.0255, 80.5976.



This preview shows how white text looks on a background with the XYZ color 70.4295, 64.0255,

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

70.4295, 64.0255, 80.5976

Protanopia

62.8608, 64.1741, 86.9156

Deuteranopia

65.6149, 64.3099, 80.1889



Tritanopia

68.6073, 63.9440, 72.3448

Trichromacy



Original Color

70.4295, 64.0255, 80.5976

Protanomaly

65.2301, 64.0153, 84.5195

Deuteranomaly

67.1104, 64.0325, 80.0566

Tritanomaly

69.2391, 63.8717, 75.0088

Monochromacy



Original Color

70.4295, 64.0255, 80.5976

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.7082, 65.5349, 75.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4295, 64.0255, 80.5976 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(243, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(243, 196, 226)  
}
```

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(243, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 196, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.4295, 64.0255, 80.5976 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(243, 196, 226) }
```


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

```
.border{ border-color:rgb(243, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(243, 196,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4295, 64.0255, 80.5976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 196, 226) }
```

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

```
.background{ background-color: rgb(243,  
196, 226) }
```

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