

Converting Colors

XYZ(70.9831, 59.7370, 81.1450)

Have a look what the booklet for
XYZ(70.9831, 59.7370, 81.1450)
contains.

XYZ(70.8764, 59.7528, 81.1966)	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(70.8764, 59.7528,
81.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB6E4
RGB	252, 182, 228
RGB Percent	99%, 71%, 89%
CMY	0.0118, 0.2863, 0.1059
CMYK	0.00, 0.28, 0.10, 0.01
HSL	321°, 92%, 85%
HSV	321°, 28%, 99%
XYZ	70.8764, 59.7528, 81.1966
YIQ	208.1740, 26.9540, 29.1460

Conversions

Conversions Part 2

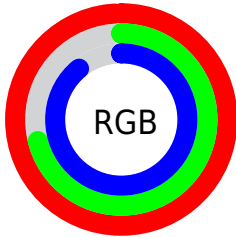
Format	Color
R _Y B	252, 182, 228
Decimal	16561892
CIE Lab	81.70, 32.27, -12.91
CIE LCh	82, 34.760, 338.195
Yxy	59.7528, 0.3346, 0.2821
Android (android.graphics.Color)	4294751972 (0xFFFCB6E4)
YUV	208.1740, 9.7742, 38.4354
Hunter-Lab	77.2999, 28.3920, -8.1688

Details

The XYZ color **70.8764, 59.7528, 81.1966** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.2449, 84.0238, 71.1758**, and the grayscale version is **59.9949, 63.1193, 68.7370**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **37.7677, 30.0576, 43.3463** is the 20% darker color. If you saturate the color by 10%, you get **65.0031, 49.8774, 73.4682**, and if you desaturate by 10%, it is **77.7418, 71.5147, 89.5529**.

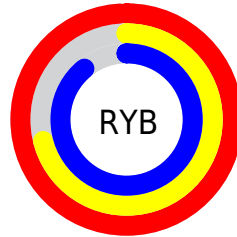
Distribution



Red (99%)

Green (71%)

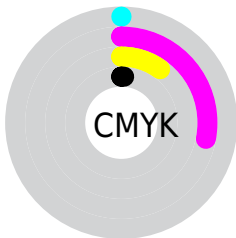
Blue (89%)



Red (99%)

Yellow (71%)

Blue (89%)

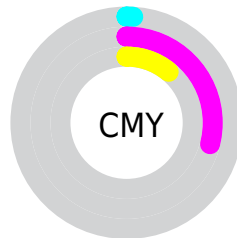


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8764, 59.7528, 81.1966 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 70.8764, 59.7528, 81.1966 by changing the saturation by 10% instead.

 70.8764, 59.7528,
81.1966

 70.8764, 59.7528,
81.1966


452.8398,
423.6860, 518.7691

 52.5235, 43.2194,
60.1716


 119.4772,
104.4710, 136.8733

 37.6485, 30.0573,
43.1307


150.4558,
133.4246, 172.3621

 25.8859, 19.8821,
29.6556


186.3737,
167.2870, 213.5093

 16.8706, 12.3094,
19.3275

227.5962,
206.4427, 260.7333

 10.2370, 6.9547,
11.7279

274.4887,
251.2761, 314.4528

 5.6198, 3.4338,
6.4384

327.4166,

 2.6538, 1.3622,

302.1715, 375.0862

3.0404

386.7452,
359.5133, 443.0521

■ 0.9734, 0.1886,
1.1153

■ 0.0000, 0.0000,
0.0000

■ 70.8764, 59.7528,
81.1966

■ 70.8764, 59.7528,
81.1966

■ 65.0031, 49.8774,
73.4682

■ 77.7418, 71.5147,
89.5529

■ 60.0659, 41.7806,
66.3426

■ 85.6409, 85.2477,
98.5530

■ 56.0113, 35.3555,
59.7985

■ 93.7823, 99.3665,
107.9381

■ 52.7776, 30.4810,
53.8107

■ 93.9553, 99.4356,
108.8488

■ 50.2953, 27.0188,
48.3515

■ 48.4822, 24.8063,
43.3887

■ 47.2290, 23.6265,
38.8813

■ 46.9911, 23.4340,
37.9283

Harmonies

Analogous

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



65.9405, 59.7528, 102.1242



70.8764, 59.7528, 81.1966



71.8809, 59.7528, 59.4865

Triad

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



70.8764, 59.7528, 81.1966



54.8120, 59.7528, 32.7840



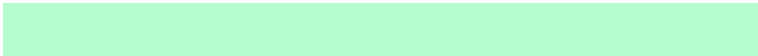
46.4424, 59.7528, 93.2778

Complementary

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



70.8764, 59.7528, 81.1966



65.2449, 84.0238, 71.1758

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.



43.9800, 59.7528, 70.9725



70.8764, 59.7528, 81.1966



48.5336, 59.7528, 38.2635

Square

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



70.8764, 59.7528, 81.1966



62.1786, 59.7528, 34.3731



44.7113, 59.7528, 51.2180



51.7281, 59.7528, 110.0766

Rectangle

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



70.8764, 59.7528, 81.1966



70.1111, 59.7528, 47.8261



44.7113, 59.7528, 51.2180



45.2786, 59.7528, 86.0058

Sweetspot

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



70.8782, 59.7555, 81.1978



87.7780, 87.2255, 101.0210



59.5701, 53.5139, 99.2858



18.5125, 18.1883, 21.3160



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.



70.8782, 59.7555, 81.1978



69.5222, 55.8282, 79.1687



66.5752, 58.0343, 58.5388



17.7254, 17.4175, 20.4095



24.5499, 12.2357, 20.1360



2.3235, 1.1531, 2.1269

Inverse Universe

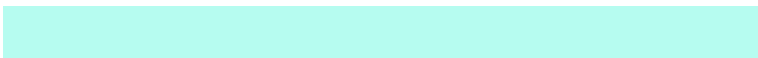
The Inverse Universe completely reimagines the original color for something new.



70.8782, 59.7555, 81.1978



69.5222, 55.8282, 79.1687



69.8816, 85.8785, 95.5924



17.7254, 17.4175, 20.4095



24.5499, 12.2357, 20.1360



2.3235, 1.1531, 2.1269

Previews

White Background



This preview shows how the XYZ color 70.8764, 59.7528, 81.1966 looks on a white background.

Color Contrast Check

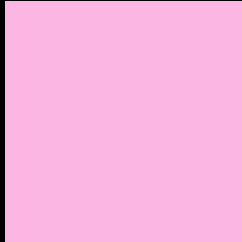
Large Text (above 18pt) WCAG AA × Fail

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 70.8764, 59.7528, 81.1966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

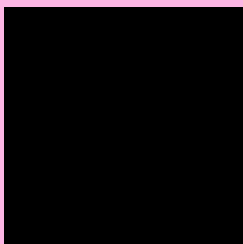
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8764, 59.7528, 81.1966

Background



This preview shows how black text looks on a background with the XYZ color 70.8764, 59.7528, 81.1966.



This preview shows how white text looks on a background with the XYZ color 70.8764, 59.7528,

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

70.8764, 59.7528, 81.1966

Protanopia

59.7627, 60.3277, 91.7137

Deuteranopia

61.2253, 59.9705, 79.5827



Tritanopia

67.3799, 59.8974, 63.2684

Trichromacy



Original Color

70.8764, 59.7528, 81.1966



Protanomaly

62.9743, 59.6853, 87.5582



Deuteranomaly

64.2557, 59.5212, 80.0536



Tritanomaly

68.5312, 59.7251, 69.5441

Monochromacy



Original Color

70.8764, 59.7528, 81.1966



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.4296, 61.6004, 72.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8764, 59.7528, 81.1966 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(252, 182, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 182, 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(252, 182, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 182, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.8764, 59.7528, 81.1966 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(252, 182, 228) }
```


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

```
.border{ border-color:rgb(252, 182, 228) }
```

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

Here you see how a box with a 4 pixel rgb(252, 182, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 182, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 182, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 182,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8764, 59.7528, 81.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 182, 228) }
```

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

```
.background{ background-color: rgb(252,  
182, 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](#).

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