

Converting Colors

XYZ(70.6287, 64.1740, 83.9176)

Have a look what the booklet for
XYZ(70.6287, 64.1740, 83.9176)
contains.

XYZ(70.7817, 64.1266, 84.2484)	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(70.7817, 64.1266,
84.2484)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C4E7
RGB	242, 196, 231
RGB Percent	95%, 77%, 91%
CMY	0.0510, 0.2314, 0.0941
CMYK	0.00, 0.19, 0.05, 0.05
HSL	314°, 64%, 86%
HSV	314°, 19%, 95%
XYZ	70.7817, 64.1266, 84.2484
YIQ	213.7440, 16.1810, 20.6370

Conversions

Conversions Part 2

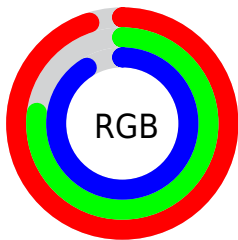
Format	Color
R _Y B	242, 196, 231
Decimal	15910119
CIE Lab	84.03, 22.04, -11.14
CIE LCh	84, 24.694, 333.179
Yxy	64.1266, 0.3230, 0.2926
Android (android.graphics.Color)	4294100199 (0xFFFF2C4E7)
YUV	213.7440, 8.5072, 24.7805
Hunter-Lab	80.0791, 17.6373, -6.3216

Details

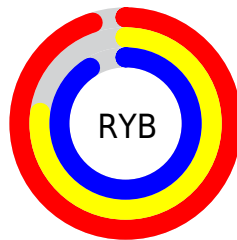
The XYZ color **70.7817, 64.1266, 84.2484** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7821, 79.7469, 70.9607**, and the grayscale version is **63.6831, 66.9996, 72.9625**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **37.6606, 32.8803, 44.9190** is the 20% darker color. If you saturate the color by 10%, you get **64.9537, 53.7564, 78.3397**, and if you desaturate by 10%, it is **77.5209, 76.2740, 90.5957**.

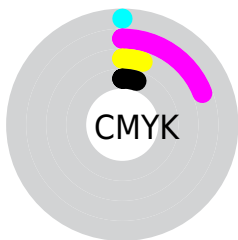
Distribution



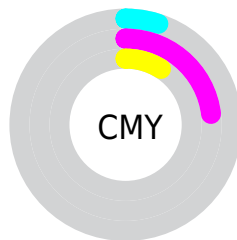
- Red (95%)
- Green (77%)
- Blue (91%)



- Red (95%)
- Yellow (77%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7817, 64.1266, 84.2484 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 70.7817, 64.1266, 84.2484 by changing the saturation by 10% instead.

70.7817, 64.1266,
84.2484

70.7817, 64.1266,
84.2484

452.5137,
439.6467, 529.2173

52.4460, 46.7532,
62.6740

119.3430,
110.7932, 141.1874

37.5864, 32.8406,
45.1382

150.2994,
140.8553, 177.3891

25.8376, 22.0044,
31.2226

186.1932,
175.9157, 219.3036

16.8342, 13.8601,
20.5085

227.3901,
216.3588, 267.3494

10.2109, 8.0234,
12.5775

274.2552,
262.5691, 321.9452

5.6024, 4.1099,
7.0110

327.1539,

2.6432, 1.7353,

314.9309, 383.5094

3.3904

386.4516,
373.8286, 452.4606

■ 0.9680, 0.4463,
1.2973

■ 0.0000, 0.0000,
0.0595

■ 70.7817, 64.1266,
84.2484

■ 70.7817, 64.1266,
84.2484

■ 64.9537, 53.7564,
78.3397

■ 77.5209, 76.2740,
90.5957

■ 59.9889, 45.0706,
72.8501

■ 85.2051, 90.2688,
97.3919

■ 55.8432, 37.9807,
67.7643

■ 89.3783, 97.1974,
103.1536

■ 52.4666, 32.3868,
63.0644

■ 90.2921, 97.5630,
107.9659

■ 49.8030, 28.1776,
58.7303

■ 90.4284, 97.6175,
108.6837

■ 47.7890, 25.2262,
54.7397

■ 46.3491, 23.3824,
51.0658

■ 45.3699, 22.4198,
47.6696

■ 45.2833, 22.3435,
47.3425

Harmonies

Analogous

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



66.8628, 64.1266, 98.0530



70.7817, 64.1266, 84.2484



72.0157, 64.1266, 68.1731

Triad

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



70.7817, 64.1266, 84.2484



60.3716, 64.1266, 43.9547



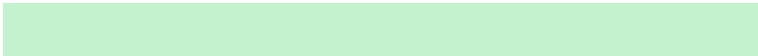
52.5990, 64.1266, 87.5554

Complementary

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



70.7817, 64.1266, 84.2484



65.7821, 79.7469, 70.9607

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.



51.0809, 64.1266, 71.4992



70.7817, 64.1266, 84.2484



55.3973, 64.1266, 47.6091

Square

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



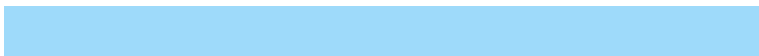
70.7817, 64.1266, 84.2484



65.7987, 64.1266, 46.3323



52.0744, 64.1266, 57.1460



56.3463, 64.1266, 100.1533

Rectangle

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



70.7817, 64.1266, 84.2484



71.0930, 64.1266, 58.6711



52.0744, 64.1266, 57.1460



51.8215, 64.1266, 82.3053

Sweetspot

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



70.7836, 64.1294, 84.2498



89.7782, 90.3902, 104.2641



61.4273, 59.1209, 92.1794



19.0985, 19.1333, 22.2112



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.



70.7836, 64.1294, 84.2498



76.9322, 67.2472, 92.1236



67.7782, 62.9273, 68.4234



16.2832, 15.9630, 19.0476



24.3823, 12.0254, 25.7277



2.0667, 1.0157, 2.3423

Inverse Universe

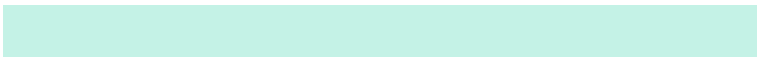
The Inverse Universe completely reimagines the original color for something new.



70.7836, 64.1294, 84.2498



76.9322, 67.2472, 92.1236



68.7648, 80.9400, 86.6673



16.2832, 15.9630, 19.0476



24.3823, 12.0254, 25.7277



2.0667, 1.0157, 2.3423

Previews

White Background



This preview shows how the XYZ color 70.7817, 64.1266, 84.2484 looks on a white background.

Color Contrast Check

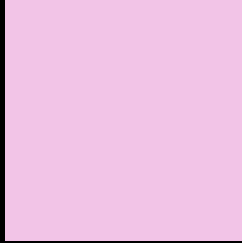
Large Text (above 18pt) WCAG AA × Fail

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 70.7817, 64.1266, 84.2484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

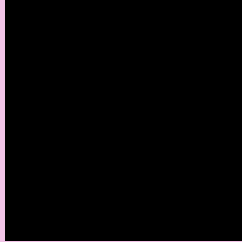
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7817, 64.1266, 84.2484

Background



This preview shows how black text looks on a background with the XYZ color 70.7817, 64.1266, 84.2484.



This preview shows how white text looks on a background with the XYZ color 70.7817, 64.1266,

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

70.7817, 64.1266, 84.2484

Protanopia

63.3127, 64.3229, 90.7400

Deuteranopia

65.5545, 64.2150, 83.0684



Tritanopia

68.4962, 64.2272, 72.4053

Trichromacy



Original Color

70.7817, 64.1266, 84.2484

Protanomaly

65.6466, 64.1473, 88.2786

Deuteranomaly

67.4827, 64.1445, 83.6873

Tritanomaly

69.3880, 64.2562, 76.4557

Monochromacy



Original Color

70.7817, 64.1266, 84.2484

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.9716, 65.6402, 76.9029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7817, 64.1266, 84.2484 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(242, 196, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 231)  
}
```

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(242, 196, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 231) }
```

Border

The CSS property to change the border of an element to XYZ 70.7817, 64.1266, 84.2484 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(242, 196, 231) }
```


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

```
.border{ border-color:rgb(242, 196, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7817, 64.1266, 84.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 231) }
```

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

```
.background{ background-color: rgb(242,  
196, 231) }
```

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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