

Converting Colors

XYZ(73.3690, 67.6622, 88.5226)

Have a look what the booklet for
XYZ(73.3690, 67.6622, 88.5226)
contains.

XYZ(73.4584, 67.8227, 88.5763)	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(73.4584, 67.8227,
88.5763)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CBEC
RGB	243, 203, 236
RGB Percent	95%, 80%, 93%
CMY	0.0471, 0.2039, 0.0745
CMYK	0.00, 0.16, 0.03, 0.05
HSL	311°, 63%, 87%
HSV	311°, 16%, 95%
XYZ	73.4584, 67.8227, 88.5763
YIQ	218.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

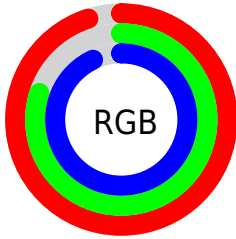
Format	Color
R _{YB}	243, 203, 236
Decimal	15977452
CIE _{Lab}	85.92, 19.55, -10.98
CIE _{LCh}	86, 22.423, 330.675
Yxy	67.8227, 0.3196, 0.2951
Android (android.graphics.Color)	4294167532 (0xFFFF3CBEC)
YUV	218.7220, 8.5181, 21.2918
Hunter-Lab	82.3545, 15.0976, -6.1211

Details

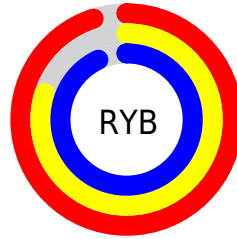
The XYZ color **73.4584, 67.8227, 88.5763** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3147, 81.4527, 73.0979**, and the grayscale version is **67.0775, 70.5708, 76.8516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4792, 35.3550, 47.9234** is the 20% darker color. If you saturate the color by 10%, you get **67.5535, 56.9891, 83.5961**, and if you desaturate by 10%, it is **80.2814, 80.4669, 93.9367**.

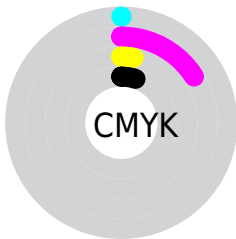
Distribution



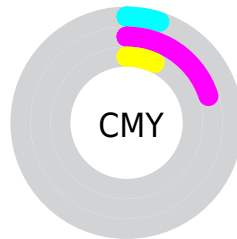
- Red (95%)
- Green (80%)
- Blue (93%)



- Red (95%)
- Yellow (80%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4584, 67.8227, 88.5763 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 73.4584, 67.8227, 88.5763 by changing the saturation by 10% instead.

 73.4584, 67.8227,
88.5763

 73.4584, 67.8227,
88.5763


461.6812,
452.8676, 543.8388

 54.6406, 49.7535,
66.2334


123.1274,
116.0985, 147.2774

 39.3467, 35.2176,
48.0042


154.7093,
147.0738, 184.4727

 27.2115, 23.8305,
33.4702


191.2765,
183.1200, 227.4559

 17.8695, 15.2080,
22.2128

233.1945,
224.6215, 276.6455

 10.9555, 8.9655,
13.8136

280.8287,
271.9626, 332.4600

 6.1040, 4.7187,
7.8538

334.5443,

 2.9497, 2.0832,

325.5277, 395.3180

3.9151

394.7067,
385.7012, 465.6381

■ 1.1272, 0.6551,
1.5789

■ 0.0477, 0.0000,
0.2757

■ 73.4584, 67.8227,
88.5763

■ 73.4584, 67.8227,
88.5763

■ 67.5535, 56.9891,
83.5961

■ 80.2814, 80.4669,
93.9367

■ 62.5188, 47.8736,
78.9774

■ 88.0557, 94.9910,
99.6865

■ 58.3112, 40.3890,
74.7059

■ 89.7841, 97.3995,
103.4946

■ 54.8814, 34.4368,
70.7648

■ 90.4544, 97.6676,
107.0240

■ 52.1746, 29.9079,
67.1353

■ 90.7726, 97.7949,
108.6998

■ 50.1291, 26.6787,
63.7963

■ 48.6724, 24.6048,
60.7231

■ 47.7140, 23.5049,
57.8850

■ 47.4431, 23.2471,
56.9193

Harmonies

Analogous

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



69.6317, 67.8227, 100.9281



73.4584, 67.8227, 88.5763



74.8463, 67.8227, 73.5146

Triad

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



73.4584, 67.8227, 88.5763



64.3472, 67.8227, 49.0326



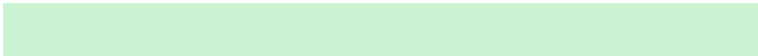
56.3408, 67.8227, 89.2295

Complementary

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



73.4584, 67.8227, 88.5763



68.3147, 81.4527, 73.0979

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.



55.0882, 67.8227, 74.1811



73.4584, 67.8227, 88.5763



59.5574, 67.8227, 52.1038

Square

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



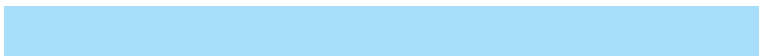
73.4584, 67.8227, 88.5763



69.4198, 67.8227, 51.8401



56.2345, 67.8227, 60.8491



59.7488, 67.8227, 101.3390

Rectangle

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



73.4584, 67.8227, 88.5763



74.1469, 67.8227, 64.3089



56.2345, 67.8227, 60.8491



55.6620, 67.8227, 84.2854

Sweetspot

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



73.4604, 67.8257, 88.5778



90.7593, 91.9903, 105.7076



64.0201, 62.8392, 93.5501



19.3018, 19.4579, 22.5316



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.



73.4604, 67.8257, 88.5778



79.4788, 71.1041, 96.7838



70.7583, 66.7448, 74.3485



17.0818, 16.7156, 20.1775



26.0831, 12.7767, 31.4758



2.3244, 1.1357, 2.9349

Inverse Universe

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



73.4604, 67.8257, 88.5778



79.4788, 71.1041, 96.7838



70.9177, 82.4939, 86.8049



17.0818, 16.7156, 20.1775



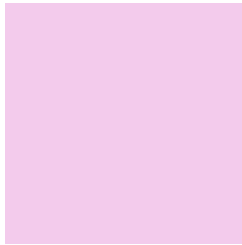
26.0831, 12.7767, 31.4758



2.3244, 1.1357, 2.9349

Previews

White Background



This preview shows how the XYZ color 73.4584, 67.8227, 88.5763 looks on a white background.

Color Contrast Check

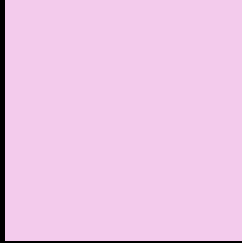
Large Text (above 18pt) WCAG AA × Fail

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 73.4584, 67.8227, 88.5763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

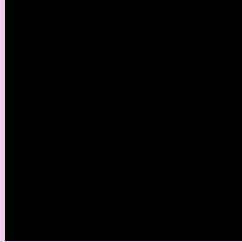
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4584, 67.8227, 88.5763

Background



This preview shows how black text looks on a background with the XYZ color 73.4584, 67.8227, 88.5763.



This preview shows how white text looks on a background with the XYZ color 73.4584, 67.8227,

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

73.4584, 67.8227, 88.5763

Protanopia

66.8359, 67.9084, 94.3790

Deuteranopia

69.4744, 67.9300, 88.0474



Tritanopia

71.2918, 67.6373, 78.4051

Trichromacy



Original Color

73.4584, 67.8227, 88.5763

Protanomaly

68.9601, 67.5802, 91.8478

Deuteranomaly

70.9125, 67.9474, 87.9749

Tritanomaly

72.0759, 67.6090, 81.9241

Monochromacy



Original Color

73.4584, 67.8227, 88.5763

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3798, 69.5187, 80.9959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4584, 67.8227, 88.5763 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, 203, 236)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 236)  
}
```

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, 203, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.4584, 67.8227, 88.5763 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, 203, 236) }
```


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

```
.border{ border-color:rgb(243, 203, 236) }
```

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

Here you see how a box with a 4 pixel rgb(243, 203, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 203, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 203, 236);  
box-shadow:4px 4px 4px 4px rgb(243, 203,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4584, 67.8227, 88.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 236) }
```

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

```
.background{ background-color: rgb(243,  
203, 236) }
```

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