

# Converting Colors

XYZ(73.0965, 65.8640, 92.8252)

Have a look what the booklet for  
XYZ(73.0965, 65.8640, 92.8252)  
contains.

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# Color

**XYZ(73.1832, 65.8537,  
92.8583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3C6F2
RGB	243, 198, 242
RGB Percent	95%, 78%, 95%
CMY	0.0471, 0.2235, 0.0510
CMYK	0.00, 0.19, 0.00, 0.05
HSL	301°, 65%, 86%
HSV	301°, 19%, 95%
XYZ	73.1832, 65.8537, 92.8583
YIQ	216.4710, 12.6960, 23.2240

# Conversions

## Conversions Part 2

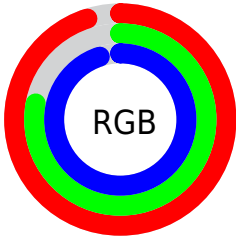
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 198, 242
Decimal	15976178
CIE Lab	84.92, 23.27, -15.66
CIE LCh	85, 28.048, 326.059
Yxy	65.8537, 0.3156, 0.2840
Android (android.graphics.Color)	4294166258 (0xFFFF3C6F2)
YUV	216.4710, 12.5858, 23.2659
Hunter-Lab	81.1503, 18.9624, -11.0389

# Details

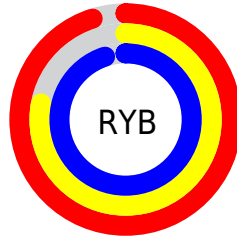
The XYZ color **73.1832, 65.8537, 92.8583** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6506, 80.2323, 66.0625**, and the grayscale version is **65.5039, 68.9152, 75.0486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0859, 33.9308, 50.9436** is the 20% darker color. If you saturate the color by 10%, you get **67.9880, 55.5918, 90.7277**, and if you desaturate by 10%, it is **79.2736, 77.9035, 95.2900**.

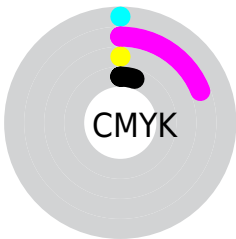
# Distribution



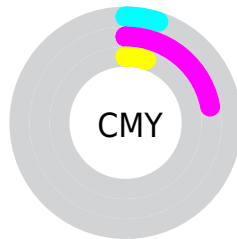
- Red (95%)
- Green (78%)
- Blue (95%)



- Red (95%)
- Yellow (78%)
- Blue (95%)



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




- Cyan (5%)
- Magenta (22%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1832, 65.8537, 92.8583 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 73.1832, 65.8537, 92.8583 by changing the saturation by 10% instead.




 73.1832, 65.8537,  
92.8583

 73.1832, 65.8537,  
92.8583


460.7435,  
445.8535, 558.0938

 54.4147, 48.1536,  
69.7667


122.7390,  
113.2763, 153.2724

 39.1653, 33.9486,  
50.8608


154.2570,  
143.7677, 191.4321

 27.0696, 22.8541,  
35.7218


190.7555,  
179.2916, 235.4514

 17.7624, 14.4858,  
23.9315

232.5999,  
220.2325, 285.7491

 10.8782, 8.4593,  
15.0711

280.1555,  
266.9747, 342.7437

 6.0517, 4.3902,  
8.7221

333.7878,

 2.9175, 1.8942,

319.9027, 406.8536

4.4660

393.8620,  
379.4008, 478.4975

■ 1.1103, 0.5449,  
1.8843

■ 0.0337, 0.0000,  
0.4827

■ 73.1832, 65.8537,  
92.8583

■ 73.1832, 65.8537,  
92.8583

■ 67.9880, 55.5918,  
90.7277

■ 79.2736, 77.9035,  
95.2900

■ 63.6397, 47.0245,  
88.8798

■ 86.2929, 91.8117,  
98.0318

■ 60.0944, 40.0628,  
87.3008

■ 88.9943, 97.0836,  
99.3354

■ 57.3019, 34.6063,  
85.9738

■ 89.0763, 97.1164,  
99.7671

■ 55.2065, 30.5435,  
84.8804

■ 89.1585, 97.1493,  
100.2001

■ 53.7444, 27.7471,  
83.9993

■ 89.2410, 97.1823,  
100.6343

■ 52.8407, 26.0670,  
83.3055

■ 89.3237, 97.2153,  
101.0698

■ 52.3875, 25.2875,  
82.7630

■ 89.4066, 97.2485,  
101.5066

■ 52.3366, 25.2045,  
82.6881

■ 89.4898, 97.2818,  
101.9446

# Harmonies

## Analogous

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



68.0627, 65.8537, 107.5814



73.1832, 65.8537, 92.8583



75.4643, 65.8537, 74.1132

# Triad

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



73.1832, 65.8537, 92.8583



63.4278, 65.8537, 42.3758



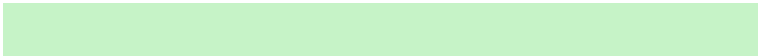
52.3333, 65.8537, 88.0399

# Complementary

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



73.1832, 65.8537, 92.8583



65.6506, 80.2323, 66.0625

# 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.



51.2736, 65.8537, 69.3466



73.1832, 65.8537, 92.8583



57.4225, 65.8537, 44.8469

# Square

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



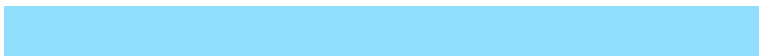
73.1832, 65.8537, 92.8583



69.5982, 65.8537, 46.6126



53.0753, 65.8537, 54.0335



56.0724, 65.8537, 104.4881



# Rectangle

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



73.1832, 65.8537, 92.8583



74.9626, 65.8537, 62.5330



53.0753, 65.8537, 54.0335



51.6631, 65.8537, 81.7294

# Sweetspot

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



73.1852, 65.8566, 92.8597



90.3071, 90.6018, 107.0492



59.8616, 58.9706, 93.0225



19.2239, 19.1834, 22.8715



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.



73.1852, 65.8566, 92.8597



79.4903, 69.2008, 102.7263



70.0436, 64.5999, 76.3165



17.1968, 16.7616, 20.7829



28.7310, 13.8358, 45.4192



2.5302, 1.2180, 4.0181



# Inverse Universe

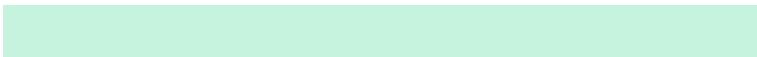
The Inverse Universe completely reimagines the original color for something new.



73.1852, 65.8566, 92.8597



79.4903, 69.2008, 102.7263



68.4261, 81.3425, 80.6780



17.1968, 16.7616, 20.7829



28.7310, 13.8358, 45.4192

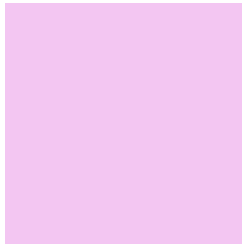


2.5302, 1.2180, 4.0181



# Previews

## White Background



This preview shows how the XYZ color 73.1832, 65.8537, 92.8583 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

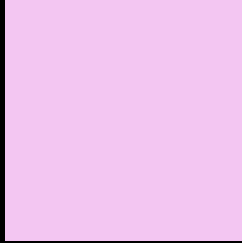
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.1832, 65.8537, 92.8583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

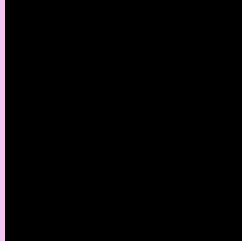
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.1832, 65.8537, 92.8583**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.1832, 65.8537, 92.8583.



This preview shows how white text looks on a background with the XYZ color 73.1832, 65.8537,



# 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

73.1832, 65.8537, 92.8583

### Protanopia

65.2038, 65.8327, 99.7129

### Deuteranopia

67.5562, 66.1326, 91.6423



## Tritanopia

69.7106, 65.8283, 75.3616

# Trichromacy



**Original Color**

73.1832, 65.8537, 92.8583

**Protanomaly**

67.7732, 65.7634, 97.1173

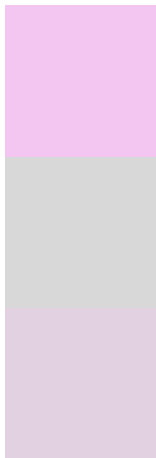
**Deuteranomaly**

69.4650, 66.0306, 92.3031

**Tritanomaly**

71.0274, 66.0201, 81.6727

# Monochromacy



**Original Color**

73.1832, 65.8537, 92.8583

**Achromatopsia**

65.2694, 68.6685, 74.7800

**Achromatomaly**

67.7551, 67.2059, 80.6351

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.1832, 65.8537, 92.8583 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, 198, 242)` looks like.

```
.text, #text, p{  
    color:rgb(243, 198, 242)  
}
```

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, 198, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 198, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 73.1832, 65.8537, 92.8583 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, 198, 242) }
```



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

```
.border{ border-color:rgb(243, 198, 242) }
```

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

Here you see how a box with a 4 pixel rgb(243, 198, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 198, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 198, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 198,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.1832, 65.8537, 92.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 198, 242) }
```

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

```
.background{ background-color: rgb(243,  
198, 242) }
```

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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