

Converting Colors

XYZ(73.6395, 65.1462, 87.8752)

Have a look what the booklet for
XYZ(73.6395, 65.1462, 87.8752)
contains.

XYZ(73.7224, 65.2261, 88.0612)	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(73.7224, 65.2261,
88.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C3EC
RGB	249, 195, 236
RGB Percent	98%, 76%, 93%
CMY	0.0235, 0.2353, 0.0745
CMYK	0.00, 0.22, 0.05, 0.02
HSL	314°, 82%, 87%
HSV	314°, 22%, 98%
XYZ	73.7224, 65.2261, 88.0612
YIQ	215.8200, 19.0230, 24.1990

Conversions

Conversions Part 2

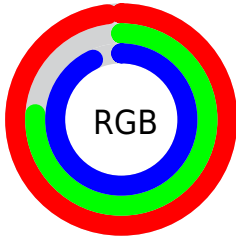
Format	Color
R _{YB}	249, 195, 236
Decimal	16368620
CIE _{Lab}	84.60, 25.78, -12.89
CIE _{LCh}	85, 28.822, 333.432
Yxy	65.2261, 0.3248, 0.2873
Android (android.graphics.Color)	4294558700 (0xFFFF9C3EC)
YUV	215.8200, 9.9487, 29.0989
Hunter-Lab	80.7627, 21.6050, -8.1142

Details

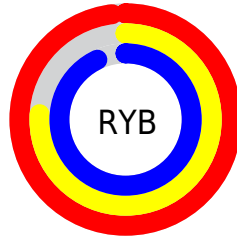
The XYZ color **73.7224, 65.2261, 88.0612** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.7692, 83.9095, 72.3027**, and the grayscale version is **65.0748, 68.4638, 74.5570**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.5013, 33.5515, 47.5742** is the 20% darker color. If you saturate the color by 10%, you get **67.7458, 54.6426, 81.8439**, and if you desaturate by 10%, it is **80.6624, 77.6876, 94.7453**.

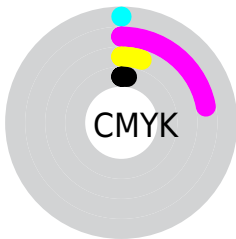
Distribution



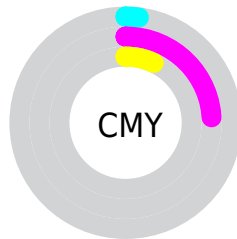
- Red (98%)
- Green (76%)
- Blue (93%)



- Red (98%)
- Yellow (76%)
- Blue (93%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7224, 65.2261, 88.0612 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 73.7224, 65.2261, 88.0612 by changing the saturation by 10% instead.


 73.7224, 65.2261,
88.0612

 73.7224, 65.2261,
88.0612

462.5798,
443.6040, 542.1101

 54.8573, 47.6444,
65.8091


 123.4998,
112.3749, 146.5542

 39.5209, 33.5454,
47.6620

155.1429,
142.7107, 183.6323

 27.3477, 22.5446,
33.2012


191.7760,
178.0668, 226.4894

 17.9725, 14.2576,
22.0082

233.7646,
218.8275, 275.5442

 11.0298, 8.3000,
13.6646

281.4739,
265.3772, 331.2151

 6.1543, 4.2875,
7.7517

335.2693,

 2.9807, 1.8357,

318.1002, 393.9207

3.8510

395.5161,
377.3810, 464.0795

■ 1.1436, 0.5093,
1.5439

■ 0.0611, 0.0000,
0.2503

■ 73.7224, 65.2261,
88.0612

■ 73.7224, 65.2261,
88.0612

■ 67.7458, 54.6426,
81.8439

■ 80.6624, 77.6876,
94.7453

■ 62.6803, 45.8361,
76.0725

■ 88.6031, 92.1043,
101.9079

■ 58.4777, 38.7093,
70.7302

■ 92.7147, 98.8149,
107.9411

■ 55.0826, 33.1521,
65.7971

■ 92.8774, 98.8800,
108.7983

■ 52.4331, 29.0413,
61.2510

■ 50.4580, 26.2348,
57.0669

■ 49.0719, 24.5622,
53.2146

■ 48.2583, 23.8163,
50.2266

Harmonies

Analogous

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



69.0587, 65.2261, 104.8531



73.7224, 65.2261, 88.0612



75.1722, 65.2261, 68.9220

Triad

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



73.7224, 65.2261, 88.0612



61.2584, 65.2261, 41.2175



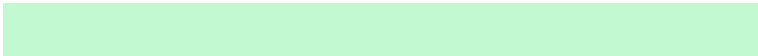
52.2405, 65.2261, 92.3658

Complementary

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



73.7224, 65.2261, 88.0612



67.7692, 83.9095, 72.3027

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.



50.4562, 65.2261, 73.1604



73.7224, 65.2261, 88.0612



55.4311, 65.2261, 45.3819

Square

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



73.7224, 65.2261, 88.0612



67.6906, 65.2261, 43.8278



51.5831, 65.2261, 56.3328



56.6291, 65.2261, 107.6248

Rectangle

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



73.7224, 65.2261, 88.0612



74.0439, 65.2261, 57.8514



51.5831, 65.2261, 56.3328



51.3305, 65.2261, 86.0494

Sweetspot

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



73.7243, 65.2290, 88.0626



88.9333, 88.8615, 103.4857



62.5169, 59.2251, 97.7603



18.9279, 18.8249, 22.0528



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.



73.7243, 65.2290, 88.0626



74.9586, 63.7605, 90.0465



70.1426, 63.7963, 69.2016



17.8039, 17.4489, 20.8230



25.8902, 12.7718, 27.1937



2.4392, 1.1994, 2.7361

Inverse Universe

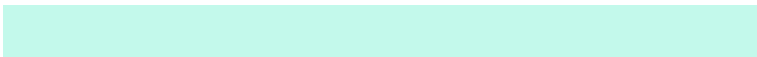
The Inverse Universe completely reimagines the original color for something new.



73.7243, 65.2290, 88.0626



74.9586, 63.7605, 90.0465



71.3213, 85.3304, 91.0080



17.8039, 17.4489, 20.8230



25.8902, 12.7718, 27.1937



2.4392, 1.1994, 2.7361

Previews

White Background



This preview shows how the XYZ color 73.7224, 65.2261, 88.0612 looks on a white background.

Color Contrast Check

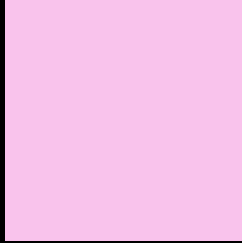
Large Text (above 18pt) WCAG AA × Fail

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 73.7224, 65.2261, 88.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

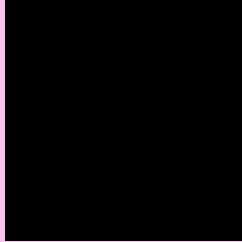
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7224, 65.2261, 88.0612

Background



This preview shows how black text looks on a background with the XYZ color 73.7224, 65.2261, 88.0612.



This preview shows how white text looks on a background with the XYZ color 73.7224, 65.2261,

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

73.7224, 65.2261, 88.0612

Protanopia

64.8580, 65.7261, 96.4568

Deuteranopia

67.0468, 65.6127, 86.9727



Tritanopia

70.5671, 65.2947, 72.5022

Trichromacy



Original Color

73.7224, 65.2261, 88.0612



Protanomaly

67.6771, 65.4456, 93.0697



Deuteranomaly

69.3946, 65.3950, 87.5623



Tritanomaly

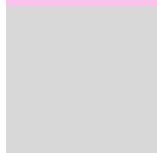
71.7367, 65.4363, 77.9568

Monochromacy



Original Color

73.7224, 65.2261, 88.0612



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

67.8701, 66.9334, 79.1543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7224, 65.2261, 88.0612 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(249, 195, 236)` looks like.

```
.text, #text, p{  
    color:rgb(249, 195, 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(249, 195, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 195, 236) }
```

Border

The CSS property to change the border of an element to XYZ 73.7224, 65.2261, 88.0612 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(249, 195, 236) }
```


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

```
.border{ border-color:rgb(249, 195, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 195, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 195, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 195, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 195,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7224, 65.2261, 88.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 195, 236) }
```

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

```
.background{ background-color: rgb(249,  
195, 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](#).

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