

Converting Colors

XYZ(78.4556, 72.2286, 90.7283)

Have a look what the booklet for
XYZ(78.4556, 72.2286, 90.7283)
contains.

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Color

**XYZ(78.4965, 72.1674,
90.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD0EE
RGB	253, 208, 238
RGB Percent	99%, 82%, 93%
CMY	0.0078, 0.1843, 0.0667
CMYK	0.00, 0.18, 0.06, 0.01
HSL	320°, 92%, 90%
HSV	320°, 18%, 99%
XYZ	78.4965, 72.1674, 90.6814
YIQ	224.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

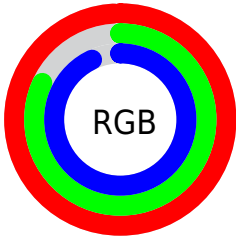
Format	Color
R _Y B	253, 208, 238
Decimal	16634094
CIE Lab	88.05, 20.62, -8.77
CIE LCh	88, 22.411, 336.950
Yxy	72.1674, 0.3252, 0.2990
Android (android.graphics.Color)	4294824174 (0xFFFDD0EE)
YUV	224.8750, 6.4706, 24.6656
Hunter-Lab	84.9514, 16.2720, -3.8232

Details

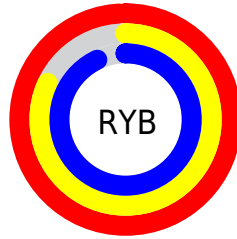
The XYZ color **78.4965, 72.1674, 90.6814** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.4598, 88.9902, 83.0685**, and the grayscale version is **71.4264, 75.1461, 81.8341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5997, 37.8956, 49.3253** is the 20% darker color. If you saturate the color by 10%, you get **71.6035, 60.3174, 82.4131**, and if you desaturate by 10%, it is **86.4356, 86.0147, 99.5865**.

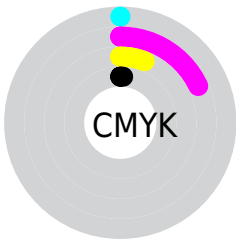
Distribution



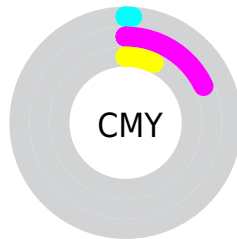
- Red (99%)
- Green (82%)
- Blue (93%)



- Red (99%)
- Yellow (82%)
- Blue (93%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4965, 72.1674, 90.6814 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 78.4965, 72.1674, 90.6814 by changing the saturation by 10% instead.


 78.4965, 72.1674,
90.6814

 78.4965, 72.1674,
90.6814


478.6654,
468.1240, 550.8721

 58.7861, 53.2954,
67.9690

130.2115,
122.2945, 150.2283

 42.6867, 38.0387,
49.4060


162.9468,
154.3184, 187.8999

 29.8328, 26.0127,
34.5738


200.7544,
191.4951, 231.3951

 19.8592, 16.8331,
23.0538

243.9998,
234.2090, 281.1322

 12.4004, 10.1156,
14.4276

293.0482,
282.8444, 337.5300

 7.0911, 5.4757,
8.2765

348.2651,

 3.5660, 2.5290,

337.7858, 401.0069

4.1821

410.0157,
399.4176, 471.9814

■ 1.4597, 0.8911,
1.7258

■ 0.2981, 0.0000,
0.3783

■ 78.4965, 72.1674,
90.6814

■ 78.4965, 72.1674,
90.6814

■ 71.6035, 60.3174,
82.4131

■ 86.4356, 86.0147,
99.5865

■ 65.7031, 50.3618,
74.7573

94.2976, 99.6145,
108.7554

■ 60.7461, 42.2028,
67.6947

94.3185, 99.6229,
108.8658

■ 56.6768, 35.7301,
61.2026

■ 53.4331, 30.8209,
55.2561

■ 50.9447, 27.3360,
49.8276

■ 49.1288, 25.1110,
44.8851

■ 47.8751, 23.9269,
40.3874

■ 47.6380, 23.7347,
39.4390

Harmonies

Analogous

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



74.9616, 72.1674, 104.5402



78.4965, 72.1674, 90.6814



79.3148, 72.1674, 75.0681

Triad

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



78.4965, 72.1674, 90.6814



67.3562, 72.1674, 52.8206



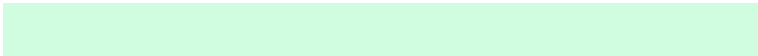
60.6992, 72.1674, 97.6431

Complementary

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



78.4965, 72.1674, 90.6814



74.4598, 88.9902, 83.0685

Split Complementary

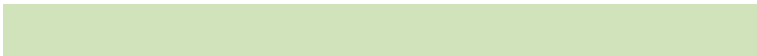
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.8837, 72.1674, 82.1957



78.4965, 72.1674, 90.6814



62.5956, 72.1674, 57.3150

Square

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



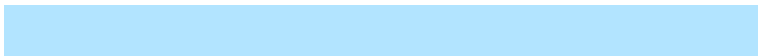
78.4965, 72.1674, 90.6814



72.6982, 72.1674, 54.4757



59.5595, 72.1674, 67.6026



64.6452, 72.1674, 108.9103

Rectangle

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



78.4965, 72.1674, 90.6814



78.1733, 72.1674, 65.9727



59.5595, 72.1674, 67.6026



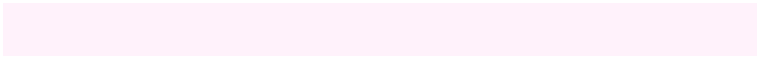
59.8291, 72.1674, 92.6947

Sweetspot

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



78.4986, 72.1706, 90.6829



90.4397, 91.8624, 104.0245



70.7199, 67.8951, 102.3074



19.2240, 19.4268, 22.1217



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.



78.4986, 72.1706, 90.6829



77.5394, 69.3665, 89.5366



75.3965, 70.9298, 74.3477



18.5201, 18.1914, 21.3561



25.4118, 12.6540, 21.3509



2.5250, 1.2524, 2.3461

Inverse Universe

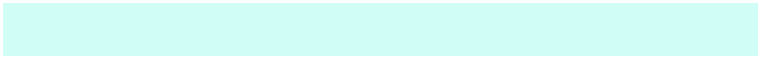
The Inverse Universe completely reimagines the original color for something new.



78.4986, 72.1706, 90.6829



77.5394, 69.3665, 89.5366



77.6980, 90.2855, 100.1204



18.5201, 18.1914, 21.3561



25.4118, 12.6540, 21.3509



2.5250, 1.2524, 2.3461

Previews

White Background



This preview shows how the XYZ color 78.4965, 72.1674, 90.6814 looks on a white background.

Color Contrast Check

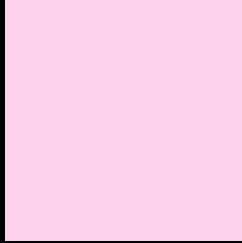
Large Text (above 18pt) WCAG AA × Fail

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 78.4965, 72.1674, 90.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

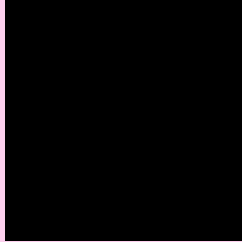
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4965, 72.1674, 90.6814

Background



This preview shows how black text looks on a background with the XYZ color 78.4965, 72.1674, 90.6814.



This preview shows how white text looks on a background with the XYZ color 78.4965, 72.1674,

90.6814.

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

78.4965, 72.1674, 90.6814

Protanopia

70.9881, 72.6844, 96.6742

Deuteranopia

73.8475, 72.3775, 90.1988



Tritanopia

76.5577, 72.0934, 81.8319

Trichromacy



Original Color

78.4965, 72.1674, 90.6814

Protanomaly

73.5379, 72.5115, 94.1246

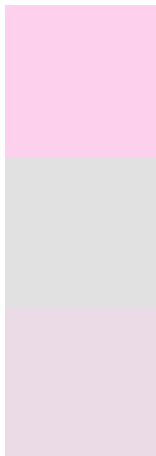
Deuteranomaly

75.4475, 72.0786, 90.0568

Tritanomaly

77.2283, 72.0095, 84.6918

Monochromacy



Original Color

78.4965, 72.1674, 90.6814

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.8754, 74.0384, 85.2601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4965, 72.1674, 90.6814 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(253, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(253, 208, 238)  
}
```

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(253, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 208, 238) }
```

Border

The CSS property to change the border of an element to XYZ 78.4965, 72.1674, 90.6814 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(253, 208, 238) }
```


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

```
.border{ border-color:rgb(253, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(253, 208,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4965, 72.1674, 90.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 208, 238) }
```

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

```
.background{ background-color: rgb(253,  
208, 238) }
```

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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