

Converting Colors

XYZ(73.1459, 69.9692, 81.6017)

Have a look what the booklet for
XYZ(73.1459, 69.9692, 81.6017)
contains.

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Color

**XYZ(73.1459, 69.9692,
81.6017)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D1E2
RGB	242, 209, 226
RGB Percent	95%, 82%, 89%
CMY	0.0510, 0.1804, 0.1137
CMYK	0.00, 0.14, 0.07, 0.05
HSL	329°, 56%, 88%
HSV	329°, 14%, 95%
XYZ	73.1459, 69.9692, 81.6017
YIQ	220.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

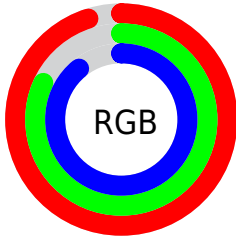
Format	Color
R_{YB}	242, 209, 226
Decimal	15913442
CIE _{Lab}	86.98, 14.31, -4.11
CIE _{LCh}	87, 14.891, 343.968
Y _{xy}	69.9692, 0.3255, 0.3114
Android (android.graphics.Color)	4294103522 (0xFFFF2D1E2)
YUV	220.8050, 2.5611, 18.5880
Hunter-Lab	83.6476, 9.7066, 0.7135

Details

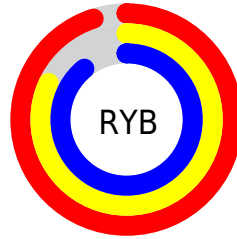
The XYZ color **73.1459, 69.9692, 81.6017** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6400, 82.4977, 83.3860**, and the grayscale version is **68.5678, 72.1387, 78.5590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3217, 36.8221, 43.5630** is the 20% darker color. If you saturate the color by 10%, you get **66.0984, 58.3628, 71.5783**, and if you desaturate by 10%, it is **81.2095, 83.4295, 92.5092**.

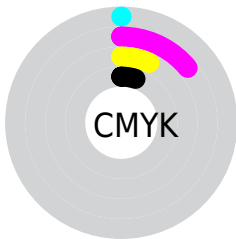
Distribution



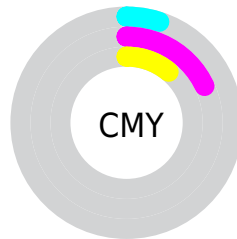
- Red (95%)
- Green (82%)
- Blue (89%)



- Red (95%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1459, 69.9692, 81.6017 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 73.1459, 69.9692, 81.6017 by changing the saturation by 10% instead.

 73.1459, 69.9692,
81.6017

 73.1459, 69.9692,
81.6017


460.6163,
460.4419, 520.1628

 54.3841, 51.5014,
60.5034

122.6863,
119.1648, 137.4470

 39.1407, 36.6078,
43.3966

154.1956,
150.6615, 173.0310

 27.0504, 24.9040,
29.8627


190.6848,
187.2699, 214.2807

 17.7479, 16.0055,
19.4832

232.5192,
229.3744, 261.6146

 10.8677, 9.5281,
11.8396

280.0642,
277.3595, 315.4512

 6.0446, 5.0872,
6.5134

333.6852,

 2.9131, 2.2985,

331.6095, 376.2091

3.0859

393.7474,
392.5088, 444.3068

■ 1.1080, 0.7729,
1.1387

■ 0.0318, 0.0000,
0.0000

■ 73.1459, 69.9692,
81.6017

■ 73.1459, 69.9692,
81.6017

■ 66.0984, 58.3628,
71.5783

■ 81.2095, 83.4295,
92.5092

■ 60.0182, 48.5190,
62.4095

■ 89.5509, 97.2665,
104.0628

■ 54.8613, 40.3528,
54.0704

■ 90.4284, 97.6175,
108.6837

■ 50.5782, 33.7683,
46.5328

■ 47.1138, 28.6599,
39.7666

■ 44.4070, 24.9088,
33.7391

■ 42.3870, 22.3778,
28.4137

■ 40.9682, 20.9000,
23.7485

■ 40.2979, 20.3493,
21.0897

Harmonies

Analogous

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



71.2593, 69.9692, 90.8297



73.1459, 69.9692, 81.6017



73.2124, 69.9692, 71.6507

Triad

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



73.1459, 69.9692, 81.6017



64.9011, 69.9692, 59.0561



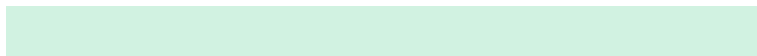
61.8019, 69.9692, 90.2821

Complementary

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



73.1459, 69.9692, 81.6017



71.6400, 82.4977, 83.3860

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.



60.2178, 69.9692, 80.9058



73.1459, 69.9692, 81.6017



61.9644, 69.9692, 63.2048

Square

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



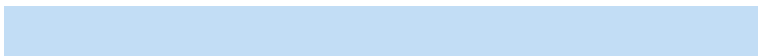
73.1459, 69.9692, 81.6017



68.3692, 69.9692, 59.2070



60.2762, 69.9692, 71.0126



64.6723, 69.9692, 96.1320

Rectangle

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



73.1459, 69.9692, 81.6017



72.2102, 69.9692, 65.9687



60.2762, 69.9692, 71.0126



61.1059, 69.9692, 87.4042

Sweetspot

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



73.1479, 69.9723, 81.6032



91.0957, 93.3494, 103.7038



69.8659, 68.0147, 93.4512



19.3436, 19.7213, 21.9916



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.



73.1479, 69.9723, 81.6032



80.3638, 75.4651, 89.0913



70.9978, 69.1122, 70.2809



16.1127, 15.8948, 18.1498



21.7176, 10.9594, 11.6951



1.8570, 0.9318, 1.2377

Inverse Universe

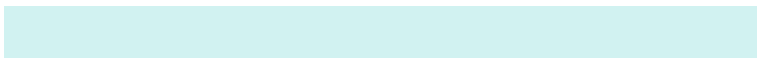
The Inverse Universe completely reimagines the original color for something new.



73.1479, 69.9723, 81.6032



80.3638, 75.4651, 89.0913



73.9933, 83.4390, 95.7785



16.1127, 15.8948, 18.1498



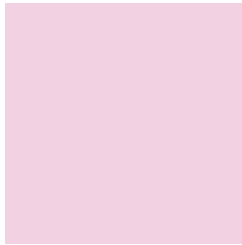
21.7176, 10.9594, 11.6951



1.8570, 0.9318, 1.2377

Previews

White Background



This preview shows how the XYZ color 73.1459, 69.9692, 81.6017 looks on a white background.

Color Contrast Check

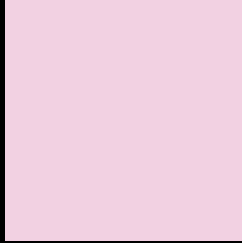
Large Text (above 18pt) WCAG AA × Fail

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 73.1459, 69.9692, 81.6017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

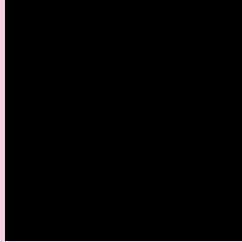
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1459, 69.9692, 81.6017

Background



This preview shows how black text looks on a background with the XYZ color 73.1459, 69.9692, 81.6017.

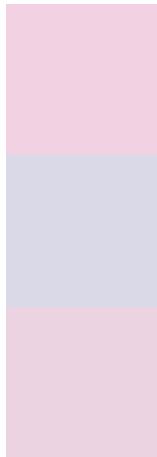


This preview shows how white text looks on a background with the XYZ color 73.1459, 69.9692,

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

73.1459, 69.9692, 81.6017

Protanopia

68.1501, 70.3007, 85.5788

Deuteranopia

71.6138, 69.9124, 81.6715



Tritanopia

73.0090, 69.9144, 80.8810

Trichromacy



Original Color

73.1459, 69.9692, 81.6017

Protanomaly

69.8680, 70.0812, 83.9733

Deuteranomaly

72.0340, 69.7613, 81.6202

Tritanomaly

73.0090, 69.9144, 80.8810

Monochromacy



Original Color

73.1459, 69.9692, 81.6017

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.4452, 71.6114, 79.9216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1459, 69.9692, 81.6017 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, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 226)  
}
```

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, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 73.1459, 69.9692, 81.6017 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, 209, 226) }
```


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

```
.border{ border-color:rgb(242, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1459, 69.9692, 81.6017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 226) }
```

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

```
.background{ background-color: rgb(242,  
209, 226) }
```

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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