

Converting Colors

XYZ(73.7973, 71.0070, 97.9106)

Have a look what the booklet for
XYZ(73.7973, 71.0070, 97.9106)
contains.

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Color

**XYZ(73.9363, 71.1260,
97.8275)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D4F7
RGB	233, 212, 247
RGB Percent	91%, 83%, 97%
CMY	0.0863, 0.1686, 0.0314
CMYK	0.06, 0.14, 0.00, 0.03
HSL	276°, 69%, 90%
HSV	276°, 14%, 97%
XYZ	73.9363, 71.1260, 97.8275
YIQ	222.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

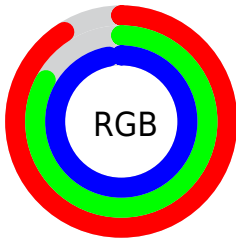
Format	Color
R _{YB}	233, 212, 247
Decimal	15324407
CIE _{Lab}	87.55, 13.52, -14.46
CIE _{LCh}	88, 19.798, 313.083
Yxy	71.1260, 0.3044, 0.2928
Android (android.graphics.Color)	4293514487 (0xFFE9D4F7)
YUV	222.2690, 12.1924, 9.4111
Hunter-Lab	84.3362, 8.8998, -9.7393

Details

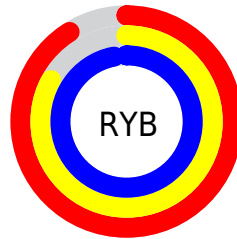
The XYZ color **73.9363, 71.1260, 97.8275** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5109, 87.4455, 75.1369**, and the grayscale version is **69.5389, 73.1604, 79.6717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5924, 37.2226, 54.3882** is the 20% darker color. If you saturate the color by 10%, you get **65.0927, 58.0930, 95.7791**, and if you desaturate by 10%, it is **83.9093, 86.1472, 100.2023**.

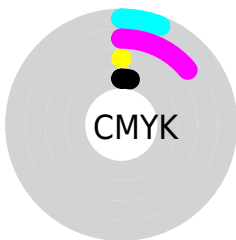
Distribution



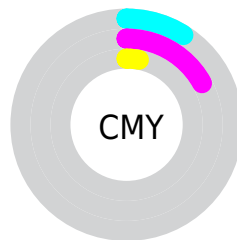
- Red (91%)
- Green (83%)
- Blue (97%)



- Red (91%)
- Yellow (83%)
- Blue (97%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9363, 71.1260, 97.8275 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 73.9363, 71.1260, 97.8275 by changing the saturation by 10% instead.

73.9363, 71.1260,
97.8275

73.9363, 71.1260,
97.8275

463.3072,
464.4938, 574.3918

55.0330, 52.4450,
73.8807

123.8015,
120.8131, 160.1942

39.6621, 37.3599,
54.2002

155.4941,
152.5881, 199.4512

27.4582, 25.4863,
38.3675

192.1805,
189.4964, 244.6486

18.0560, 16.4397,
25.9640

234.2261,
231.9226, 296.2051

11.0901, 9.8358,
16.5712

281.9962,
280.2511, 354.5391

6.1952, 5.2903,
9.7705

335.8562,

3.0059, 2.4186,

334.8662, 420.0692

5.1435

396.1714,
396.1523, 493.2139

■ 1.1569, 0.8354,
2.2715

■ 0.0719, 0.0000,
0.7152

■ 73.9363, 71.1260,
97.8275

■ 73.9363, 71.1260,
97.8275

■ 65.0927, 58.0930,
95.7791

■ 83.9093, 86.1472,
100.2023

■ 57.3263, 46.9520,
94.0380

■ 92.9706, 99.0737,
102.2198

■ 50.5904, 37.6123,
92.5902

■ 93.7887, 99.4955,
102.2581

■ 44.8315, 29.9721,
91.4191

■ 39.9912, 23.9189,
90.5058

■ 36.0040, 19.3266,
89.8295

■ 32.7940, 16.0486,
89.3660

■ 30.2695, 13.9064,
89.0856

■ 29.0368, 13.0296,
88.9813

Harmonies

Analogous

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



69.6601, 71.1260, 105.3491



73.9363, 71.1260, 97.8275



76.5807, 71.1260, 85.1860

Triad

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



73.9363, 71.1260, 97.8275



70.2549, 71.1260, 55.3167



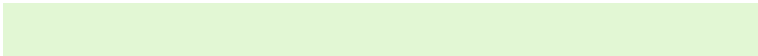
59.2134, 71.1260, 83.4240

Complementary

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



73.9363, 71.1260, 97.8275



76.5109, 87.4455, 75.1369

Split Complementary

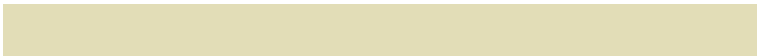
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.3561, 71.1260, 70.1861



73.9363, 71.1260, 97.8275



65.5871, 71.1260, 54.9610

Square

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



73.9363, 71.1260, 97.8275



74.3890, 71.1260, 61.1445



61.6423, 71.1260, 60.1091



61.2430, 71.1260, 96.4100

Rectangle

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



73.9363, 71.1260, 97.8275



76.9904, 71.1260, 76.0667



61.6423, 71.1260, 60.1091



59.0117, 71.1260, 78.8381

Sweetspot

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



73.9384, 71.1290, 97.8291



90.3967, 92.8982, 107.7745



71.2978, 75.4258, 98.7976



19.1661, 19.6067, 23.0243



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.



73.9384, 71.1290, 97.8291



76.6516, 72.2503, 104.5135



78.2451, 73.4008, 95.6994



16.5349, 16.4184, 20.8402



15.5211, 6.9757, 47.0664



1.4799, 0.6728, 4.1421

Inverse Universe

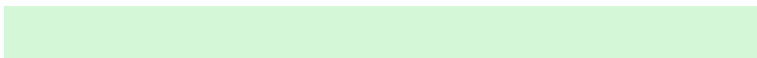
The Inverse Universe completely reimagines the original color for something new.



75.6311, 72.3552, 81.9345



78.8377, 73.8288, 84.2173



72.6697, 85.4224, 76.8952



16.7738, 16.5924, 18.5552



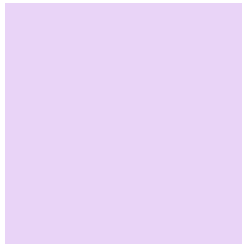
21.5379, 10.9586, 7.5409



1.9423, 0.9829, 0.9224

Previews

White Background



This preview shows how the XYZ color 73.9363, 71.1260, 97.8275 looks on a white background.

Color Contrast Check

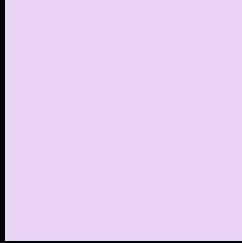
Large Text (above 18pt) WCAG AA × Fail

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 73.9363, 71.1260, 97.8275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

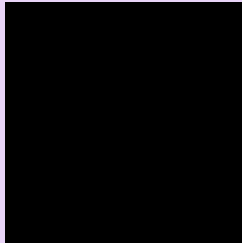
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9363, 71.1260, 97.8275

Background



This preview shows how black text looks on a background with the XYZ color 73.9363, 71.1260, 97.8275.



This preview shows how white text looks on a background with the XYZ color 73.9363, 71.1260,

97.8275.

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

73.9363, 71.1260, 97.8275

Protanopia

70.2155, 71.4040, 101.3484

Deuteranopia

72.8300, 71.3025, 97.9199



Tritanopia

71.8209, 71.4160, 86.3432

Trichromacy



Original Color

73.9363, 71.1260, 97.8275

Protanomaly

71.6300, 71.3860, 100.4461

Deuteranomaly

73.2159, 71.1269, 97.8657

Tritanomaly

72.6113, 71.3634, 90.0682

Monochromacy



Original Color

73.9363, 71.1260, 97.8275

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8592, 72.0811, 85.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9363, 71.1260, 97.8275 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(233, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 247)  
}
```

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(233, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.9363, 71.1260, 97.8275 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(233, 212, 247) }
```


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

```
.border{ border-color:rgb(233, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9363, 71.1260, 97.8275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 247) }
```

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

```
.background{ background-color: rgb(233,  
212, 247) }
```

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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