

Converting Colors

XYZ(73.5280, 71.7676, 93.1963)

Have a look what the booklet for
XYZ(73.5280, 71.7676, 93.1963)
contains.

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Color

**XYZ(73.5280, 71.7676,
93.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D6F1
RGB	233, 214, 241
RGB Percent	91%, 84%, 95%
CMY	0.0863, 0.1608, 0.0549
CMYK	0.03, 0.11, 0.00, 0.05
HSL	282°, 49%, 89%
HSV	282°, 11%, 95%
XYZ	73.5280, 71.7676, 93.1963
YIQ	222.7590, 2.6570, 12.4250

Conversions

Conversions Part 2

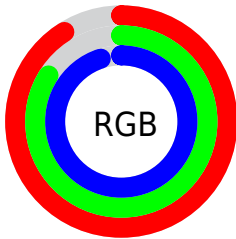
Format	Color
R _Y B	233, 214, 241
Decimal	15324913
CIE Lab	87.86, 11.34, -10.83
CIE LCh	88, 15.679, 316.311
Yxy	71.7676, 0.3083, 0.3009
Android (android.graphics.Color)	4293514993 (0xFFE9D6F1)
YUV	222.7590, 8.9928, 8.9814
Hunter-Lab	84.7158, 6.6743, -5.9242

Details

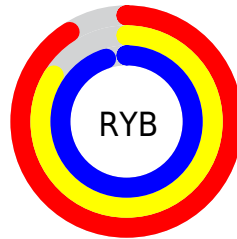
The XYZ color **73.5280, 71.7676, 93.1963** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.7197, 83.2971, 75.8144**, and the grayscale version is **69.9069, 73.5475, 80.0933**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2866, 37.6462, 51.0948** is the 20% darker color. If you saturate the color by 10%, you get **65.5905, 59.2829, 91.2060**, and if you desaturate by 10%, it is **82.4665, 86.1118, 95.4950**.

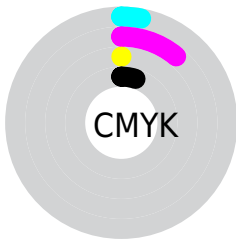
Distribution



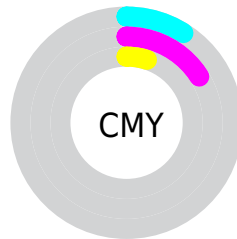
- Red (91%)
- Green (84%)
- Blue (95%)



- Red (91%)
- Yellow (84%)
- Blue (95%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5280, 71.7676, 93.1963 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 73.5280, 71.7676, 93.1963 by changing the saturation by 10% instead.

73.5280, 71.7676,
93.1963

73.5280, 71.7676,
93.1963

461.9182,
466.7323, 559.2105

54.6977, 52.9689,
70.0461

123.2256,
121.7261, 153.7444

39.3926, 37.7779,
51.0871

154.8236,
153.6546, 191.9794

27.2474, 25.8104,
35.9007

191.4082,
190.7284, 236.0797

17.8967, 16.6818,
24.0684

233.3449,
233.3321, 286.4640

10.9751, 10.0079,
15.1717

280.9988,
281.8499, 343.5506

6.1172, 5.4042,
8.7920

334.7355,

2.9578, 2.4863,

336.6663, 407.7582

4.5108

394.9202,
398.1656, 479.5053

■ 1.1315, 0.8698,
1.9096

■ 0.0512, 0.0000,
0.4988

■ 73.5280, 71.7676,
93.1963

■ 73.5280, 71.7676,
93.1963

■ 65.5905, 59.2829,
91.2060

■ 82.4665, 86.1118,
95.4950

■ 58.6070, 48.5690,
89.5060

■ 90.0957, 97.6969,
97.3290

■ 52.5361, 39.5435,
88.0839

■ 92.6666, 99.0223,
97.4494

■ 47.3308, 32.1139,
86.9242

■ 92.8774, 99.1310,
97.4592

■ 42.9392, 26.1786,
86.0100

■ 39.3038, 21.6239,
85.3225

■ 36.3585, 18.3197,
84.8399

■ 34.0243, 16.1097,
84.5364

■ 32.3656, 14.8509,
84.3809

Harmonies

Analogous

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



70.2458, 71.7676, 99.5452



73.5280, 71.7676, 93.1963



75.4163, 71.7676, 83.1018

Triad

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



73.5280, 71.7676, 93.1963



69.9232, 71.7676, 59.8476



61.5627, 71.7676, 84.0505

Complementary

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



73.5280, 71.7676, 93.1963



73.7197, 83.2971, 75.8144

Split Complementary

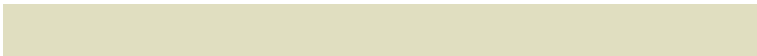
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4835, 71.7676, 73.3849



73.5280, 71.7676, 93.1963



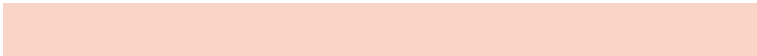
66.2198, 71.7676, 60.0514

Square

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



73.5280, 71.7676, 93.1963



73.2845, 71.7676, 64.2198



63.1604, 71.7676, 64.8043



63.3810, 71.7676, 93.9451

Rectangle

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



73.5280, 71.7676, 93.1963



75.5877, 71.7676, 75.9080



63.1604, 71.7676, 64.8043



61.3342, 71.7676, 80.4208

Sweetspot

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



73.5301, 71.7707, 93.1979



91.8288, 94.7884, 108.0638



69.7594, 72.9458, 93.6234



19.4747, 19.9976, 23.0835



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.



73.5301, 71.7707, 93.1979



81.8493, 78.8272, 105.5090



75.4066, 72.8298, 89.1374



15.9716, 15.7826, 19.9262



17.6926, 8.1263, 45.7639



1.5711, 0.7272, 3.8118

Inverse Universe

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



73.5095, 72.0710, 79.1475



81.8406, 79.2305, 87.0804



72.0283, 82.3442, 79.3951



15.9655, 15.8359, 17.3746



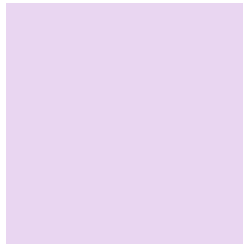
20.3469, 10.4112, 4.4774



1.7347, 0.8829, 0.5940

Previews

White Background



This preview shows how the XYZ color 73.5280, 71.7676, 93.1963 looks on a white background.

Color Contrast Check

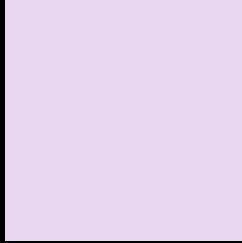
Large Text (above 18pt) WCAG AA × Fail

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 73.5280, 71.7676, 93.1963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

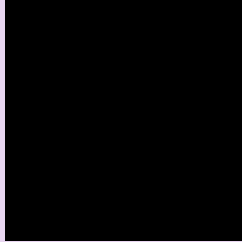
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

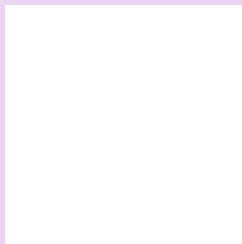
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.5280, 71.7676, 93.1963

Background



This preview shows how black text looks on a background with the XYZ color 73.5280, 71.7676, 93.1963.



This preview shows how white text looks on a background with the XYZ color 73.5280, 71.7676,

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

73.5280, 71.7676, 93.1963

Protanopia

70.2759, 71.9464, 95.7711

Deuteranopia

73.2025, 71.5998, 93.1810



Tritanopia

72.1446, 71.5829, 86.3584

Trichromacy



Original Color

73.5280, 71.7676, 93.1963

Protanomaly

71.4219, 71.7847, 94.8855

Deuteranomaly

73.2025, 71.5998, 93.1810

Tritanomaly

72.5745, 71.7548, 88.6222

Monochromacy



Original Color

73.5280, 71.7676, 93.1963

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5547, 73.2305, 85.2265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5280, 71.7676, 93.1963 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, 214, 241)` looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 241)  
}
```

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, 214, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.5280, 71.7676, 93.1963 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, 214, 241) }
```


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

```
.border{ border-color:rgb(233, 214, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 214, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5280, 71.7676, 93.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 214, 241) }
```

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

```
.background{ background-color: rgb(233,  
214, 241) }
```

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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