

Converting Colors

XYZ(73.7835, 74.1953, 93.6514)

Have a look what the booklet for
XYZ(73.7835, 74.1953, 93.6514)
contains.

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Color

**XYZ(73.7835, 74.1953,
93.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DCF1
RGB	229, 220, 241
RGB Percent	90%, 86%, 95%
CMY	0.1020, 0.1372, 0.0549
CMYK	0.05, 0.09, 0.00, 0.05
HSL	266°, 43%, 90%
HSV	266°, 9%, 95%
XYZ	73.7835, 74.1953, 93.6514
YIQ	225.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

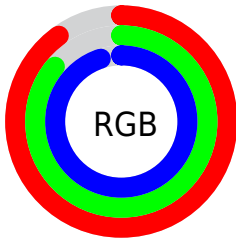
Format	Color
R _Y B	229, 220, 241
Decimal	15064305
CIE Lab	89.01, 6.88, -9.14
CIE LCh	89, 11.440, 306.950
Yxy	74.1953, 0.3054, 0.3071
Android (android.graphics.Color)	4293254385 (0xFFE5DCF1)
YUV	225.0850, 7.8461, 3.4335
Hunter-Lab	86.1367, 2.1614, -4.1669

Details

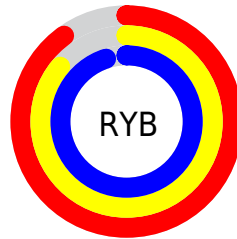
The XYZ color **73.7835, 74.1953, 93.6514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6550, 85.2357, 80.0731**, and the grayscale version is **71.5771, 75.3047, 82.0068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6676, 39.4117, 51.4155** is the 20% darker color. If you saturate the color by 10%, you get **63.6874, 60.2697, 91.4967**, and if you desaturate by 10%, it is **85.1445, 90.1306, 96.1296**.

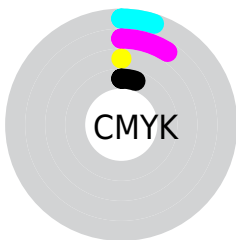
Distribution



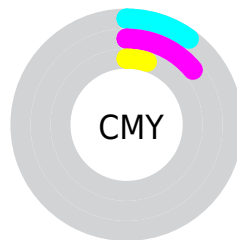
- Red (90%)
- Green (86%)
- Blue (95%)



- Red (90%)
- Yellow (86%)
- Blue (95%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7835, 74.1953, 93.6514 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 73.7835, 74.1953, 93.6514 by changing the saturation by 10% instead.

73.7835, 74.1953,
93.6514

73.7835, 74.1953,
93.6514

462.7877,
475.1471, 560.7122

54.9075, 54.9539,
70.4224

123.5860,
125.1726, 154.3796

39.5612, 39.3648,
51.3920

155.2432,
157.6773, 192.7159

27.3793, 27.0436,
36.1418

191.8916,
195.3719, 236.9251

17.9963, 17.6060,
24.2532

233.8964,
238.6408, 287.4256

11.0470, 10.6675,
15.3076

281.6231,
287.8684, 344.6360

6.1660, 5.8437,
8.8865

335.4370,

2.9879, 2.7503,

343.4390, 408.9749

4.5714

395.7034,
405.7372, 480.8608

■ 1.1474, 1.0028,
1.9438

■ 0.0642, 0.0000,
0.5204

■ 73.7835, 74.1953,
93.6514

■ 73.7835, 74.1953,
93.6514

■ 63.6874, 60.2697,
91.4967

■ 85.1445, 90.1306,
96.1296

■ 54.8027, 48.2625,
89.6474

■ 92.8774, 99.1310,
97.4592

■ 47.0816, 38.0892,
88.0907

■ 40.4706, 29.6554,
86.8113

■ 34.9112, 22.8579,
85.7922

■ 30.3392, 17.5822,
85.0149

■ 26.6823, 13.6983,
84.4579

■ 23.8562, 11.0530,
84.0963

■ 21.7414, 9.4240,
83.8933

Harmonies

Analogous

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



71.1694, 74.1953, 96.9593



73.7835, 74.1953, 93.6514



75.5555, 74.1953, 86.9308

Triad

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



73.7835, 74.1953, 93.6514



72.6346, 74.1953, 67.4993



65.3451, 74.1953, 82.6533

Complementary

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



73.7835, 74.1953, 93.6514



77.6550, 85.2357, 80.0731

Split Complementary

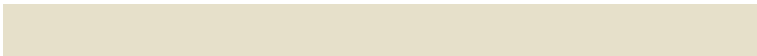
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7141, 74.1953, 74.9379



73.7835, 74.1953, 93.6514



69.8754, 74.1953, 66.5195

Square

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



73.7835, 74.1953, 93.6514



74.8801, 74.1953, 71.9265



67.3550, 74.1953, 69.1565



66.3333, 74.1953, 90.3448

Rectangle

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



73.7835, 74.1953, 93.6514



75.9954, 74.1953, 81.6034



67.3550, 74.1953, 69.1565



65.3149, 74.1953, 79.9742

Sweetspot

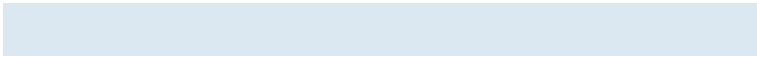
The Sweet Spot groups the original color and five complimentary colors.



73.7857, 74.1985, 93.6530



91.0676, 94.3960, 108.0282



74.3221, 79.4232, 94.6332



19.2692, 19.8917, 23.0738



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.



73.7857, 74.1985, 93.6530



82.2880, 82.1357, 106.1245



77.1537, 75.9347, 93.8106



15.5395, 15.5598, 19.9059



11.8069, 5.0921, 45.4884



1.0939, 0.4812, 3.7894

Inverse Universe

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



76.4369, 75.7167, 86.9337



85.7382, 84.1119, 97.3629



74.4239, 83.5700, 79.9219



16.1514, 15.9103, 18.3534



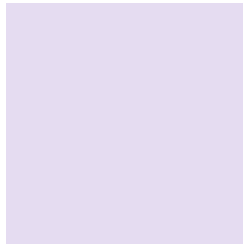
22.2177, 11.1595, 14.3288



1.8980, 0.9483, 1.4539

Previews

White Background



This preview shows how the XYZ color 73.7835, 74.1953, 93.6514 looks on a white background.

Color Contrast Check

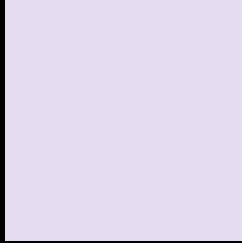
Large Text (above 18pt) WCAG AA × Fail

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 73.7835, 74.1953, 93.6514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

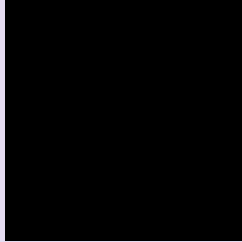
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

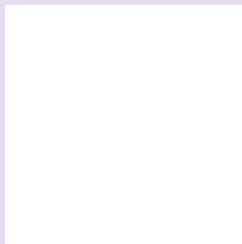
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7835, 74.1953, 93.6514

Background



This preview shows how black text looks on a background with the XYZ color 73.7835, 74.1953, 93.6514.



This preview shows how white text looks on a background with the XYZ color 73.7835, 74.1953,

93.6514.

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

73.7835, 74.1953, 93.6514

Protanopia

72.2725, 74.1830, 94.5140

Deuteranopia

75.7649, 74.0410, 94.3025



Tritanopia

73.6022, 74.5440, 91.3981

Trichromacy



Original Color

73.7835, 74.1953, 93.6514

Protanomaly

72.9348, 74.1313, 94.4691

Deuteranomaly

75.0301, 74.0460, 94.3422

Tritanomaly

73.7495, 74.6029, 92.1741

Monochromacy



Original Color

73.7835, 74.1953, 93.6514

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1755, 74.7136, 86.2184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7835, 74.1953, 93.6514 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(229, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 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(229, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 241) }
```

Border

The CSS property to change the border of an element to XYZ 73.7835, 74.1953, 93.6514 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(229, 220, 241) }
```


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

```
.border{ border-color:rgb(229, 220, 241) }
```

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

Here you see how a box with a 4 pixel rgb(229, 220, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7835, 74.1953, 93.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 241) }
```

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

```
.background{ background-color: rgb(229,  
220, 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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