

Converting Colors

XYZ(71.0976, 71.7548, 90.1010)

Have a look what the booklet for
XYZ(71.0976, 71.7548, 90.1010)
contains.

XYZ(71.1503, 71.7477, 90.2194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.1503, 71.7477,
90.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D9ED
RGB	225, 217, 237
RGB Percent	88%, 85%, 93%
CMY	0.1176, 0.1490, 0.0706
CMYK	0.05, 0.08, 0.00, 0.07
HSL	264°, 36%, 89%
HSV	264°, 8%, 93%
XYZ	71.1503, 71.7477, 90.2194
YIQ	221.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

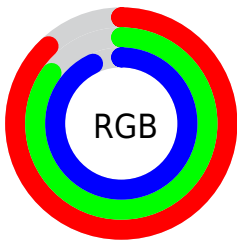
Format	Color
R _Y B	225, 217, 237
Decimal	14801389
CIE Lab	87.85, 6.38, -8.80
CIE LCh	88, 10.870, 305.920
Yxy	71.7477, 0.3052, 0.3078
Android (android.graphics.Color)	4292991469 (0xFFE1D9ED)
YUV	221.6720, 7.5567, 2.9187
Hunter-Lab	84.7040, 1.7057, -3.8578

Details

The XYZ color **71.1503, 71.7477, 90.2194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1242, 82.2380, 77.5632**, and the grayscale version is **69.1509, 72.7521, 79.2271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8384, 37.7229, 49.0030** is the 20% darker color. If you saturate the color by 10%, you get **61.2247, 58.2058, 88.1298**, and if you desaturate by 10%, it is **82.3267, 87.2405, 92.6219**.

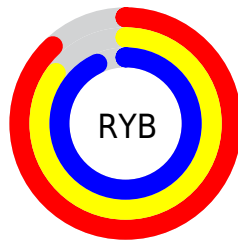
Distribution



Red (88%)

Green (85%)

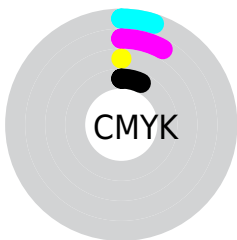
Blue (93%)



Red (88%)

Yellow (85%)

Blue (93%)

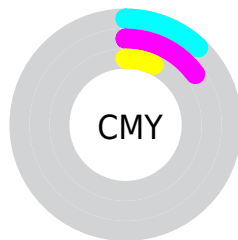


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1503, 71.7477, 90.2194 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 71.1503, 71.7477, 90.2194 by changing the saturation by 10% instead.

71.1503, 71.7477,
90.2194

71.1503, 71.7477,
90.2194

453.7823,
466.6630, 549.3328

52.7478, 52.9526,
67.5879

119.8651,
121.6978, 149.5813

37.8282, 37.7649,
49.0979

150.9081,
153.6215, 187.1488

26.0260, 25.8003,
34.3310

186.8953,
190.6903, 230.5320

16.9759, 16.6743,
22.8686

228.1921,
233.2884, 280.1494

10.3125, 10.0026,
14.2921

275.1639,
281.8004, 336.4197

5.6705, 5.4006,
8.1831

328.1759,

2.6845, 2.4842,

336.6105, 399.7613

4.1229

387.5936,
398.1033, 470.5928

■ 0.9892, 0.8687,
1.6930

■ 0.0000, 0.0000,
0.3559

■ 71.1503, 71.7477,
90.2194

■ 71.1503, 71.7477,
90.2194

■ 61.2247, 58.2058,
88.1298

■ 82.3267, 87.2405,
92.6219

■ 52.4973, 46.5267,
86.3355

■ 91.7169, 98.6010,
94.3197

■ 44.9213, 36.6289,
84.8243

■ 92.2863, 98.8945,
94.3464

■ 38.4436, 28.4212,
83.5815

■ 33.0071, 21.8040,
82.5907

■ 28.5487, 16.6669,
81.8342

■ 24.9975, 12.8850,
81.2914

■ 22.2714, 10.3112,
80.9382

■ 20.2566, 8.7365,
80.7405

Harmonies

Analogous

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



68.7077, 71.7477, 93.1452



71.1503, 71.7477, 90.2194



72.8311, 71.7477, 84.0713

Triad

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



71.1503, 71.7477, 90.2194



70.2412, 71.7477, 65.8377



63.3708, 71.7477, 79.5977

Complementary

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



71.1503, 71.7477, 90.2194



75.1242, 82.2380, 77.5632

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.



63.7581, 71.7477, 72.4584



71.1503, 71.7477, 90.2194



67.6829, 71.7477, 64.8061

Square

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



71.1503, 71.7477, 90.2194



72.2970, 71.7477, 70.0678



65.3208, 71.7477, 67.1557



64.2493, 71.7477, 86.7689

Rectangle

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



71.1503, 71.7477, 90.2194



73.2705, 71.7477, 79.1378



65.3208, 71.7477, 67.1557



63.3576, 71.7477, 77.1131

Sweetspot

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



71.1524, 71.7508, 90.2210



90.9891, 94.3555, 108.0245



72.0155, 77.0919, 91.2064



19.2480, 19.8808, 23.0728



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.



71.1524, 71.7508, 90.2210



82.0405, 82.0081, 106.1129



74.2520, 73.3487, 90.3660



14.8013, 14.8428, 19.0071



11.0484, 4.7316, 44.0739



0.9735, 0.4261, 3.4658

Inverse Universe

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



73.8832, 73.2905, 84.3845



85.8491, 84.1562, 97.9470



72.1249, 80.6918, 77.4229



15.4450, 15.2058, 17.6286



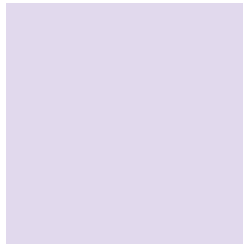
21.8090, 10.9263, 15.3277



1.7598, 0.8769, 1.4526

Previews

White Background



This preview shows how the XYZ color 71.1503, 71.7477, 90.2194 looks on a white background.

Color Contrast Check

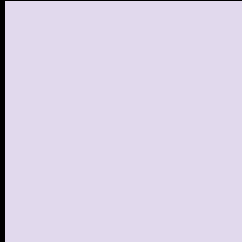
Large Text (above 18pt) WCAG AA × Fail

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 71.1503, 71.7477, 90.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

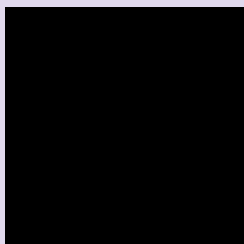
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

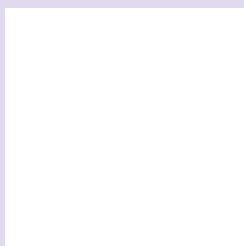
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1503, 71.7477, 90.2194

Background



This preview shows how black text looks on a background with the XYZ color 71.1503, 71.7477, 90.2194.



This preview shows how white text looks on a background with the XYZ color 71.1503, 71.7477,

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

71.1503, 71.7477, 90.2194

Protanopia

69.9776, 71.8962, 91.0781

Deuteranopia

73.4109, 71.7586, 90.8705



Tritanopia

70.8596, 71.6314, 88.6888

Trichromacy



Original Color

71.1503, 71.7477, 90.2194

Protanomaly

70.3228, 71.6880, 91.0197

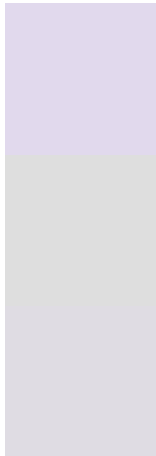
Deuteranomaly

72.6881, 71.7628, 90.9095

Tritanomaly

71.0045, 71.6894, 89.4520

Monochromacy



Original Color

71.1503, 71.7477, 90.2194

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.8898, 72.4204, 82.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1503, 71.7477, 90.2194 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(225, 217, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 217, 237)  
}
```

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(225, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 217, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.1503, 71.7477, 90.2194 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(225, 217, 237) }
```


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

```
.border{ border-color:rgb(225, 217, 237) }
```

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

Here you see how a box with a 4 pixel rgb(225, 217, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 217,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1503, 71.7477, 90.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 217, 237) }
```

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

```
.background{ background-color: rgb(225,  
217, 237) }
```

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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