

Converting Colors

XYZ(71.7433, 74.4604, 91.2377)

Have a look what the booklet for
XYZ(71.7433, 74.4604, 91.2377)
contains.

XYZ(71.6391, 74.3206, 91.4584)	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(71.6391, 74.3206,
91.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDFEE
RGB	221, 223, 238
RGB Percent	87%, 87%, 93%
CMY	0.1333, 0.1255, 0.0667
CMYK	0.07, 0.06, 0.00, 0.07
HSL	233°, 33%, 90%
HSV	233°, 7%, 93%
XYZ	71.6391, 74.3206, 91.4584
YIQ	224.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

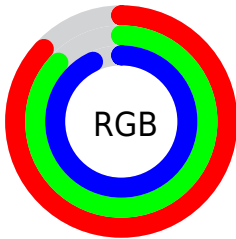
Format	Color
R _Y B	221, 223, 238
Decimal	14540782
CIE Lab	89.07, 2.13, -7.54
CIE LCh	89, 7.838, 285.741
Yxy	74.3206, 0.3017, 0.3130
Android (android.graphics.Color)	4292730862 (0xFFDDDFEE)
YUV	224.1120, 6.8468, -2.7292
Hunter-Lab	86.2094, -2.5348, -2.5534

Details

The XYZ color **71.6391, 74.3206, 91.4584** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3066, 83.3877, 80.3761**, and the grayscale version is **70.8891, 74.5809, 81.2186**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1720, 39.4897, 49.8664** is the 20% darker color. If you saturate the color by 10%, you get **59.6345, 60.3165, 89.3892**, and if you desaturate by 10%, it is **85.3708, 90.2517, 93.8108**.

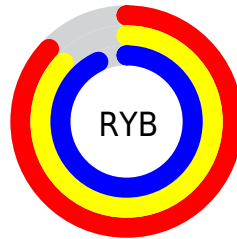
Distribution



Red (87%)

Green (87%)

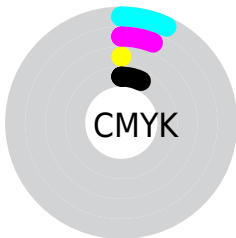
Blue (93%)



Red (87%)

Yellow (87%)

Blue (93%)

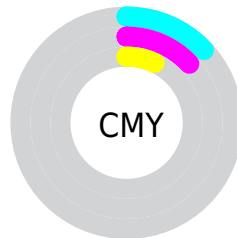


Cyan (7%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6391, 74.3206, 91.4584 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 71.6391, 74.3206, 91.4584 by changing the saturation by 10% instead.

■ 71.6391, 74.3206,
91.4584

■ 71.6391, 74.3206,
91.4584

455.4616,
475.5791, 553.4557

■ 53.1483, 55.0565,
68.6104

120.5569,
125.3502, 151.3157

■ 38.1491, 39.4469,
49.9247

151.7146,
157.8844, 189.1620

■ 26.2762, 27.1076,
34.9828

187.8253,
195.6108, 232.8449

■ 17.1641, 17.6540,
23.3662

229.2544,
238.9138, 282.7828

■ 10.4476, 10.7019,
14.6563

276.3672,
288.1777, 339.3943

■ 5.7613, 5.8668,
8.4346

329.5291,

■ 2.7397, 2.7642,

343.7870, 403.0979

4.2825

389.1055,
406.1260, 474.3122

■ 1.0177, 1.0099,
1.7816

■ 0.0000, 0.0000,
0.4158

■ 71.6391, 74.3206,
91.4584

■ 71.6391, 74.3206,
91.4584

■ 59.6345, 60.3165,
89.3892

■ 85.3708, 90.2517,
93.8108

■ 49.2822, 48.1570,
87.5878

■ 92.4328, 98.9531,
95.1182

■ 40.5115, 37.7678,
86.0447

■ 33.2439, 29.0659,
84.7482

■ 27.3943, 21.9617,
83.6852

■ 22.8690, 16.3569,
82.8419

■ 19.5628, 12.1427,
82.2027

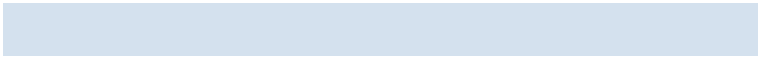
■ 17.3542, 9.1947,
81.7501

■ 16.0913, 7.3638,
81.4633

Harmonies

Analogous

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



69.7401, 74.3206, 91.5347



71.6391, 74.3206, 91.4584



73.2987, 74.3206, 88.4761

Triad

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



71.6391, 74.3206, 91.4584



73.2300, 74.3206, 73.6310



67.1444, 74.3206, 78.3631

Complementary

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



71.6391, 74.3206, 91.4584



78.3066, 83.3877, 80.3761

Split Complementary

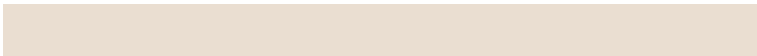
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0454, 74.3206, 73.8115



71.6391, 74.3206, 91.4584



71.5466, 74.3206, 71.1639

Square

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



71.6391, 74.3206, 91.4584



74.2284, 74.3206, 78.1064



69.6492, 74.3206, 71.2285



67.1682, 74.3206, 83.8055

Rectangle

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



71.6391, 74.3206, 91.4584



74.0360, 74.3206, 85.3149



69.6492, 74.3206, 71.2285



67.3485, 74.3206, 76.6835

Sweetspot

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



71.6413, 74.3237, 91.4600



91.7800, 96.2085, 108.3405



75.4961, 82.5631, 91.1122



19.6790, 20.6323, 23.1952



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.



71.6413, 74.3237, 91.4600



80.9831, 83.6605, 106.4876



73.0425, 74.2562, 91.3731



15.0473, 15.5287, 19.9259



8.8899, 4.0040, 45.4322



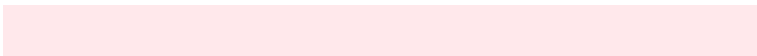
0.7880, 0.4300, 3.7957

Inverse Universe

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



74.4373, 75.2193, 80.4113



85.0707, 84.9854, 90.3317



76.8299, 83.4875, 80.4732



15.8486, 15.7891, 16.7587



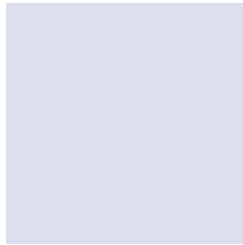
19.8128, 10.1976, 1.6649



1.6727, 0.8581, 0.2673

Previews

White Background



This preview shows how the XYZ color 71.6391, 74.3206, 91.4584 looks on a white background.

Color Contrast Check

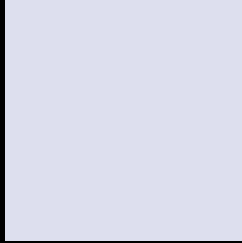
Large Text (above 18pt) WCAG AA × Fail

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 71.6391, 74.3206, 91.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

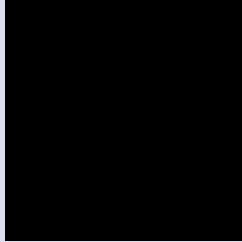
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6391, 74.3206, 91.4584

Background



This preview shows how black text looks on a background with the XYZ color 71.6391, 74.3206, 91.4584.



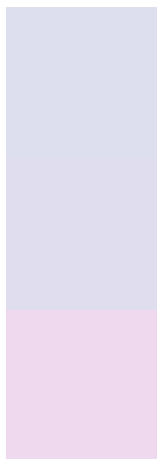
This preview shows how white text looks on a background with the XYZ color 71.6391, 74.3206,

91.4584.

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

71.6391, 74.3206, 91.4584

Protanopia

72.2944, 74.2629, 91.4128

Deuteranopia

75.6527, 74.0348, 91.9642



Tritanopia

71.9346, 74.4388, 93.0148

Trichromacy



Original Color

71.6391, 74.3206, 91.4584

Protanomaly

71.9853, 74.1036, 91.3983

Deuteranomaly

74.1902, 74.0508, 92.0444

Tritanomaly

71.7865, 74.3795, 92.2345

Monochromacy



Original Color

71.6391, 74.3206, 91.4584

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2299, 74.6564, 84.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6391, 74.3206, 91.4584 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(221, 223, 238)` looks like.

```
.text, #text, p{  
    color:rgb(221, 223, 238)  
}
```

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(221, 223, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 223, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.6391, 74.3206, 91.4584 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(221, 223, 238) }
```


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

```
.border{ border-color:rgb(221, 223, 238) }
```

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

Here you see how a box with a 4 pixel rgb(221, 223, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 223, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 223, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 223,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6391, 74.3206, 91.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 223, 238) }
```

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

```
.background{ background-color: rgb(221,  
223, 238) }
```

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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