

Converting Colors

XYZ(73.9501, 81.6494, 93.0884)

Have a look what the booklet for
XYZ(73.9501, 81.6494, 93.0884)
contains.

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Color

**XYZ(74.0315, 81.7692,
92.7701)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EEEE
RGB	215, 238, 238
RGB Percent	84%, 93%, 93%
CMY	0.1569, 0.0666, 0.0667
CMYK	0.10, 0.00, 0.00, 0.07
HSL	180°, 40%, 89%
HSV	180°, 10%, 93%
XYZ	74.0315, 81.7692, 92.7701
YIQ	231.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

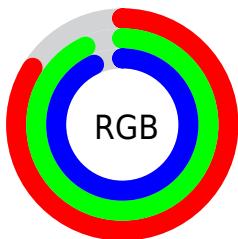
Format	Color
R_{YB}	215, 227, 238
Decimal	14151406
CIE _{Lab}	92.47, -7.52, -2.58
CIE _{LCh}	92, 7.946, 198.955
Yxy	81.7692, 0.2978, 0.3290
Android (android.graphics.Color)	4292341486 (0xFFD7EEEE)
YUV	231.1230, 3.3904, -14.1399
Hunter-Lab	90.4263, -12.1092, 2.4717

Details

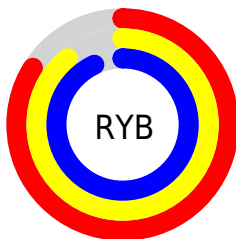
The XYZ color **74.0315, 81.7692, 92.7701** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8291, 71.6865, 74.3448**, and the grayscale version is **76.0320, 79.9916, 87.1109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6687, 44.3069, 50.7173** is the 20% darker color. If you saturate the color by 10%, you get **67.5450, 78.4275, 92.4654**, and if you desaturate by 10%, it is **81.5394, 85.6418, 93.1260**.

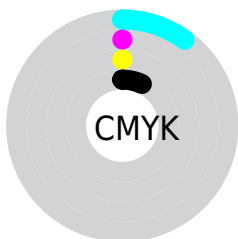
Distribution



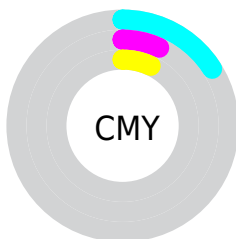
- Red (84%)
- Green (93%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0315, 81.7692, 92.7701 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 74.0315, 81.7692, 92.7701 by changing the saturation by 10% instead.

74.0315, 81.7692,
92.7701

74.0315, 81.7692,
92.7701

463.6307,
500.8753, 557.8022

55.1112, 61.1753,
69.6938

123.9357,
135.8503, 153.1492

39.7249, 44.3667,
50.8017

155.6503,
170.1063, 191.2892

27.5074, 30.9589,
35.6752

192.3605,
209.6851, 235.2874

18.0932, 20.5675,
23.8957

234.4314,
254.9711, 285.5625

11.1170, 12.8083,
15.0448

282.2285,
306.3488, 342.5330

6.2135, 7.2966,
8.7039

336.1172,

3.0172, 3.6483,

364.2024, 406.6174

4.4544

396.4628,
428.9165, 478.2343

■ 1.1629, 1.4788,
1.8778

■ 0.0767, 0.2738,
0.4785

■ 74.0315, 81.7692,
92.7701

■ 74.0315, 81.7692,
92.7701

■ 67.5450, 78.4275,
92.4654

■ 81.5394, 85.6418,
93.1260

■ 62.0290, 75.5841,
92.2045


■ 87.2500, 88.5857,
93.3960

■ 57.4392, 73.2180,
91.9869


■ 87.2505, 88.5859,
93.3988


■ 53.7248, 71.3032,
91.8103


■ 87.2511, 88.5861,
93.4017


 50.8300, 69.8109,
91.6720


 87.2516, 88.5863,
93.4045


 48.6930, 68.7093,
91.5692


 87.2521, 88.5865,
93.4073

 47.2430, 67.9619,
91.4985

 87.2527, 88.5868,
93.4101

 46.3957, 67.5251,
91.4561

 87.2532, 88.5870,
93.4130

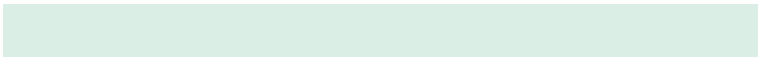
 46.0141, 67.3285,
91.4354

 87.2537, 88.5872,
93.4158

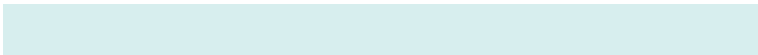
Harmonies

Analogous

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



73.8946, 81.7692, 86.8764



74.0315, 81.7692, 92.7701



75.1462, 81.7692, 97.8687

Triad

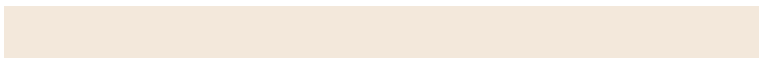
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0315, 81.7692, 92.7701



80.7461, 81.7692, 96.6943



78.4808, 81.7692, 78.3528

Complementary

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



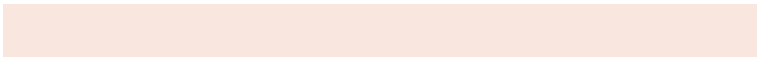
74.0315, 81.7692, 92.7701



71.8291, 71.6865, 74.3448

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.



80.3503, 81.7692, 80.7453



74.0315, 81.7692, 92.7701



81.6735, 81.7692, 91.2245

Square

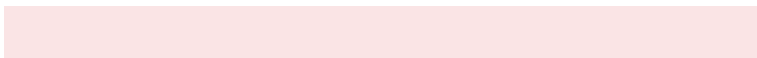
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0315, 81.7692, 92.7701



79.0134, 81.7692, 100.2026



81.5273, 81.7692, 85.3972



76.4391, 81.7692, 78.7255

Rectangle

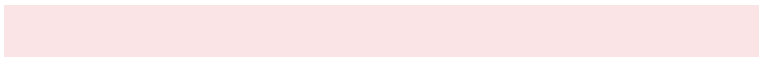
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



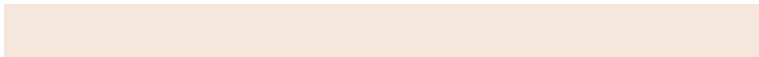
74.0315, 81.7692, 92.7701



76.3049, 81.7692, 100.0496



81.5273, 81.7692, 85.3972



79.1508, 81.7692, 78.8559

Sweetspot

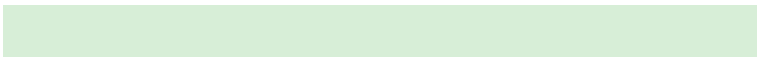
The Sweet Spot groups the original color and five complimentary colors.



74.0338, 81.7726, 92.7719



92.2911, 98.5778, 108.7699



70.9797, 80.5640, 76.1007



19.6003, 21.0204, 23.2740



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.



74.0338, 81.7726, 92.7719



84.6738, 94.6510, 108.4105



70.8965, 75.4971, 91.7287



16.2473, 17.9290, 20.3253



25.6644, 37.5578, 51.0092



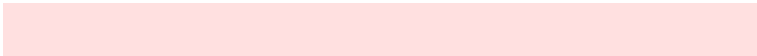
2.1351, 3.1245, 4.2437

Inverse Universe

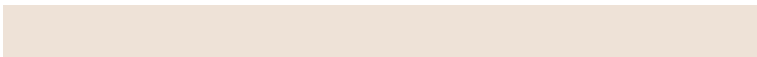
The Inverse Universe completely reimagines the original color for something new.



71.8291, 71.6865, 74.3448



81.5128, 80.1904, 81.9912



74.7567, 77.5426, 75.3185



15.7730, 15.7589, 16.3607



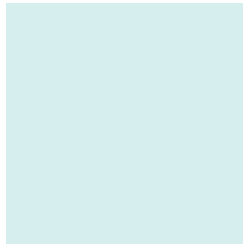
19.6716, 10.1411, 0.9214



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 74.0315, 81.7692, 92.7701 looks on a white background.

Color Contrast Check

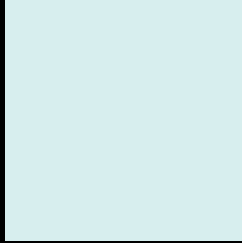
Large Text (above 18pt) WCAG AA × Fail

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 74.0315, 81.7692, 92.7701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

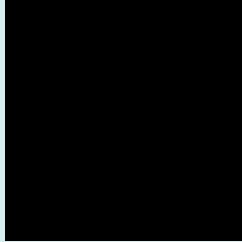
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

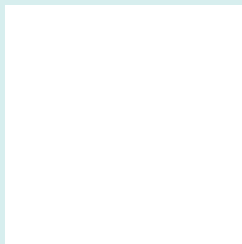
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0315, 81.7692, 92.7701

Background



This preview shows how black text looks on a background with the XYZ color 74.0315, 81.7692, 92.7701.



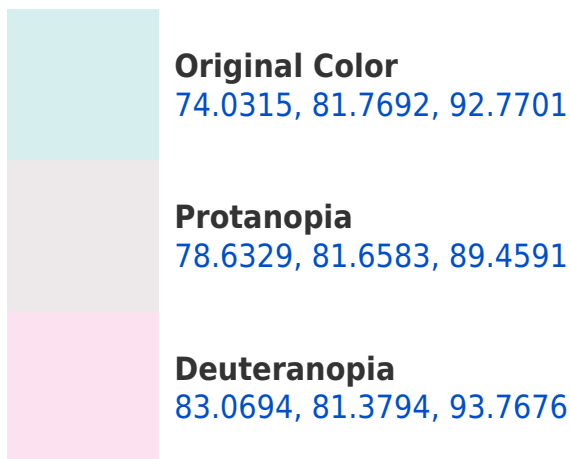
This preview shows how white text looks on a background with the XYZ color 74.0315, 81.7692,

92.7701.

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

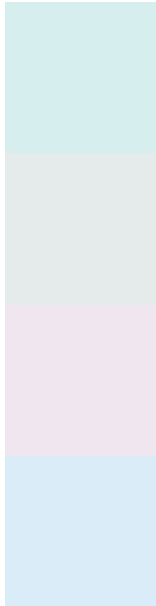




Tritanopia

76.5112, 81.4778, 105.4602

Trichromacy



Original Color

74.0315, 81.7692, 92.7701

Protanomaly

76.7313, 81.5018, 90.2845

Deuteranomaly

79.4734, 81.1763, 93.1413

Tritanomaly

75.5540, 81.5199, 100.5597

Monochromacy



Original Color

74.0315, 81.7692, 92.7701

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3254, 80.7937, 89.4666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0315, 81.7692, 92.7701 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(215, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 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(215, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.0315, 81.7692, 92.7701 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(215, 238, 238) }
```


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

```
.border{ border-color:rgb(215, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0315, 81.7692, 92.7701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 238) }
```

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

```
.background{ background-color: rgb(215,  
238, 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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