

Converting Colors

XYZ(73.7264, 82.7563, 80.4944)

Have a look what the booklet for
XYZ(73.7264, 82.7563, 80.4944)
contains.

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Color

**XYZ(73.7264, 82.7563,
80.4944)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCF0DD |
| RGB | 220, 240, 221 |
| RGB Percent | 86%, 94%, 87% |
| CMY | 0.1372, 0.0588, 0.1333 |
| CMYK | 0.08, 0.00, 0.08, 0.06 |
| HSL | 123°, 40%, 90% |
| HSV | 123°, 8%, 94% |
| XYZ | 73.7264, 82.7563, 80.4944 |
| YIQ | 231.8540, -5.8210, -10.1490 |

Conversions

Conversions Part 2

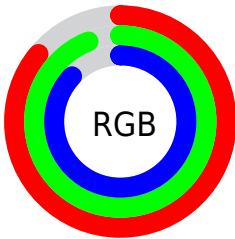
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 220, 239, 240 |
| Decimal | 14479581 |
| CIE Lab | 92.91, -10.02, 6.93 |
| CIE LCh | 93, 12.185, 145.336 |
| Yxy | 82.7563, 0.3111, 0.3492 |
| Android (android.graphics.Color) | 4292669661 (0xFFDC F0DD) |
| YUV | 231.8540, -5.3510, -10.3960 |
| Hunter-Lab | 90.9705, -14.5343, 11.2171 |

Details

The XYZ color **73.7264, 82.7563, 80.4944** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1113, 75.9456, 92.2600**, and the grayscale version is **76.6364, 80.6274, 87.8033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5405, 45.0335, 42.6847** is the 20% darker color. If you saturate the color by 10%, you get **64.1432, 78.1458, 65.2511**, and if you desaturate by 10%, it is **84.7696, 88.0765, 97.9630**.

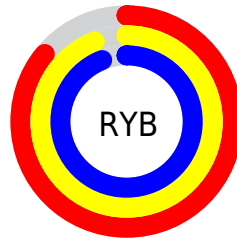
Distribution



Red (86%)

Green (94%)

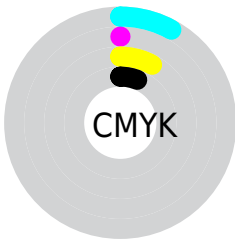
Blue (87%)



Red (86%)

Yellow (94%)

Blue (94%)

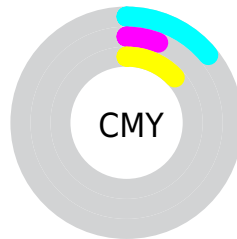


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7264, 82.7563, 80.4944 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 73.7264, 82.7563, 80.4944 by changing the saturation by 10% instead.

73.7264, 82.7563,
80.4944

73.7264, 82.7563,
80.4944

462.5935,
504.1740, 516.3481

54.8606, 61.9891,
59.5967

123.5055,
137.2341, 135.8783

39.5235, 45.0239,
42.6705

155.1495,
171.7135, 171.2016

27.3498, 31.4763,
29.2972

191.7836,
211.5324, 212.1705

17.9741, 20.9618,
19.0582

233.7732,
257.0753, 259.2035

11.0309, 13.0961,
11.5351

281.4836,
308.7265, 312.7193

6.1551, 7.4947,
6.3093

335.2802,

2.9812, 3.7734,

366.8704, 373.1362

2.9622

395.5284,
431.8914, 440.8730

■ 1.1438, 1.5476,
1.0754

■ 0.0613, 0.3219,
0.0000

■ 73.7264, 82.7563,
80.4944

■ 73.7264, 82.7563,
80.4944

■ 64.1432, 78.1458,
65.2511

■ 84.7696, 88.0765,
97.9630

■ 55.9524, 74.2051,
52.1385

■ 90.4517, 90.8034,
107.3672

■ 49.0913, 70.9061,
41.0636

■ 43.4897, 68.2148,
31.9239

■ 39.0710, 66.0942,
24.6085

■ 35.7502, 64.5031,
18.9950

■ 33.4309, 63.3947,
14.9461

■ 32.0002, 62.7141,
12.3034

■ 31.3038, 62.3860,
10.8743

Harmonies

Analogous

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



76.0654, 82.7563, 75.1651



73.7264, 82.7563, 80.4944



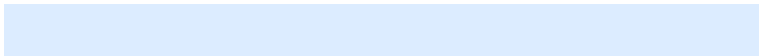
72.7093, 82.7563, 88.6888

Triad

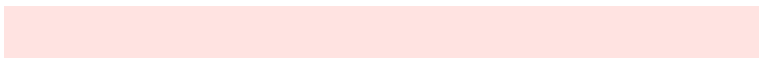
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7264, 82.7563, 80.4944



78.1604, 82.7563, 108.7459



84.3240, 82.7563, 82.8076

Complementary

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



73.7264, 82.7563, 80.4944



77.1113, 75.9456, 92.2600

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.



84.9213, 82.7563, 91.5414



73.7264, 82.7563, 80.4944



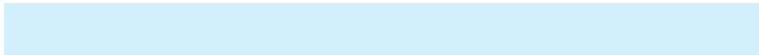
81.3076, 82.7563, 106.9096

Square

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



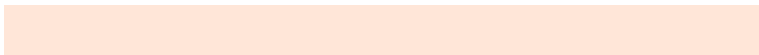
73.7264, 82.7563, 80.4944



75.2249, 82.7563, 105.3191



83.8035, 82.7563, 100.4571



82.1927, 82.7563, 76.4361

Rectangle

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



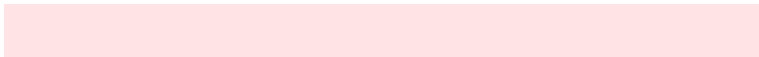
73.7264, 82.7563, 80.4944



72.8972, 82.7563, 94.8270



83.8035, 82.7563, 100.4571



84.7133, 82.7563, 85.5474

Sweetspot

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



73.7287, 82.7598, 80.4962



91.1431, 98.1186, 102.7246



79.6786, 85.8425, 80.0808



19.2905, 20.8965, 21.6426



0.0000, 0.0000, 0.0000



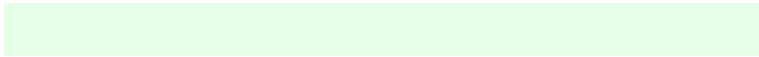
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7287, 82.7598, 80.4962



82.6250, 94.0172, 89.2275



75.1016, 83.3090, 87.7260



15.5979, 17.6692, 16.9057



17.1078, 34.1351, 5.9508



1.4344, 2.8442, 0.5540

Inverse Universe

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



77.1113, 75.9456, 92.2600



87.2432, 84.7138, 105.2880



75.6739, 75.3706, 84.6906



16.4181, 16.0170, 19.7580



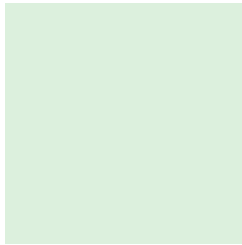
27.3522, 13.2133, 41.3666



2.2859, 1.1034, 3.4962

Previews

White Background



This preview shows how the XYZ color 73.7264, 82.7563, 80.4944 looks on a white background.

Color Contrast Check

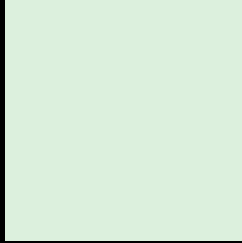
Large Text (above 18pt) WCAG AA × Fail

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 73.7264, 82.7563, 80.4944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

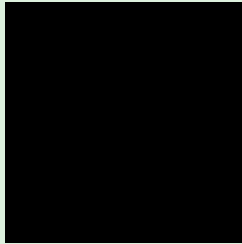
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

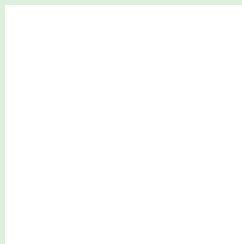
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7264, 82.7563, 80.4944

Background



This preview shows how black text looks on a background with the XYZ color 73.7264, 82.7563, 80.4944.



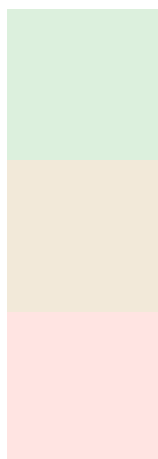
This preview shows how white text looks on a background with the XYZ color 73.7264, 82.7563,

80.4944.

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

73.7264, 82.7563, 80.4944

Protanopia

78.2812, 82.1648, 77.3792

Deuteranopia

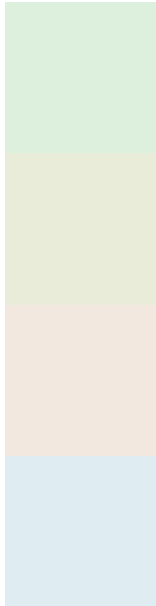
82.7109, 82.2378, 83.4657



Tritanopia

78.6491, 82.5800, 105.5602

Trichromacy



Original Color

73.7264, 82.7563, 80.4944

Protanomaly

76.5820, 82.5453, 78.2262

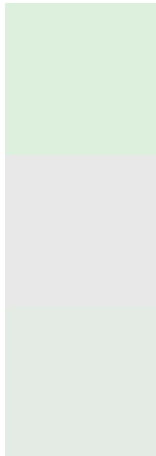
Deuteranomaly

78.9291, 81.9723, 82.1832

Tritanomaly

76.7426, 82.6672, 95.9160

Monochromacy



Original Color

73.7264, 82.7563, 80.4944

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.7068, 81.5121, 85.1420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7264, 82.7563, 80.4944 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(220, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 240, 221)  
}
```

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(220, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 240, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.7264, 82.7563, 80.4944 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(220, 240, 221) }
```


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

```
.border{ border-color:rgb(220, 240, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 240,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7264, 82.7563, 80.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 240, 221) }
```

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

```
.background{ background-color: rgb(220,  
240, 221) }
```

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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