

# Converting Colors

XYZ(73.3254, 82.3659, 79.0524)

Have a look what the booklet for  
XYZ(73.3254, 82.3659, 79.0524)  
contains.

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# Color

**XYZ(73.4615, 82.6503,  
79.0991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCF0DB
RGB	220, 240, 219
RGB Percent	86%, 94%, 86%
CMY	0.1372, 0.0588, 0.1412
CMYK	0.08, 0.00, 0.09, 0.06
HSL	117°, 41%, 90%
HSV	117°, 9%, 94%
XYZ	73.4615, 82.6503, 79.0991
YIQ	231.6260, -5.1790, -10.7710

# Conversions

## Conversions Part 2

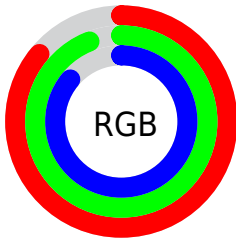
Format	Color
RYB	219, 240, 239
Decimal	14479579
CIELab	92.86, -10.37, 7.90
CIELCh	93, 13.039, 142.702
Yxy	82.6503, 0.3123, 0.3514
Android (android.graphics.Color)	4292669659 (0xFFDC F0DB)
YUV	231.6260, -6.2246, -10.1960
Hunter-Lab	90.9122, -14.8597, 12.0527

# Details

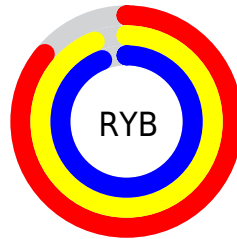
The XYZ color **73.4615, 82.6503, 79.0991** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6595, 75.3073, 92.9377**, and the grayscale version is **76.4720, 80.4545, 87.6149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3584, 44.9606, 41.7258** is the 20% darker color. If you saturate the color by 10%, you get **64.0757, 78.1533, 63.3384**, and if you desaturate by 10%, it is **84.2535, 87.8243, 97.3070**.

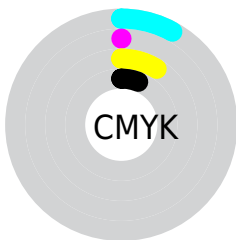
# Distribution



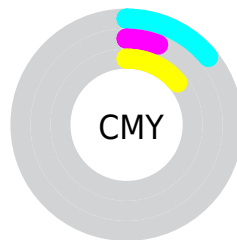
- Red (86%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4615, 82.6503, 79.0991 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 73.4615, 82.6503, 79.0991 by changing the saturation by 10% instead.



73.4615, 82.6503,  
79.0991

73.4615, 82.6503,  
79.0991

461.6918,  
503.8203, 511.5180

54.6431, 61.9017,  
58.4555

123.1318,  
137.0856, 133.8983

39.3488, 44.9533,  
41.7578

154.7143,  
171.5410, 168.8910

27.2131, 31.4206,  
28.5876

191.2824,  
211.3342, 209.5037

17.8708, 20.9194,  
18.5261

233.2012,  
256.8496, 256.1551

10.9564, 13.0651,  
11.1551

280.8362,  
308.4715, 309.2637

6.1046, 7.4734,  
6.0557

334.5528,

2.9500, 3.7599,

366.5843, 369.2481

2.8097

394.7162,  
431.5725, 436.5266

■ 1.1274, 1.5402,  
0.9983

■ 0.0479, 0.3167,  
0.0000

■ 73.4615, 82.6503,  
79.0991

■ 73.4615, 82.6503,  
79.0991

■ 64.0757, 78.1533,  
63.3384

■ 84.2535, 87.8243,  
97.3070

■ 56.0316, 74.2952,  
49.9157

■ 90.4517, 90.8034,  
107.3672

■ 49.2701, 71.0502,  
38.7211

■ 43.7247, 68.3869,  
29.6342

■ 39.3233, 66.2707,  
22.5231

■ 35.9859, 64.6637,  
17.2410

■ 33.6223, 63.5229,  
13.6208

■ 32.1273, 62.7983,  
11.4648

■ 31.3636, 62.4256,  
10.4824

# Harmonies

## Analogous

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



76.0562, 82.6503, 73.7754



73.4615, 82.6503, 79.0991



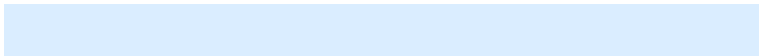
72.2384, 82.6503, 87.6307

# Triad

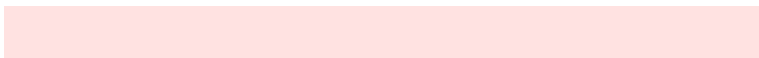
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4615, 82.6503, 79.0991



77.7277, 82.6503, 109.9064



84.7541, 82.6503, 82.9462

# Complementary

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



73.4615, 82.6503, 79.0991



76.6595, 75.3073, 92.9377

# 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.



85.2329, 82.6503, 92.3956



73.4615, 82.6503, 79.0991



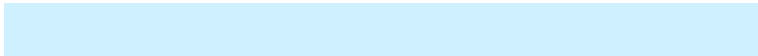
81.1112, 82.6503, 108.4265

# Square

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



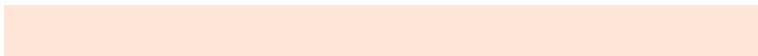
73.4615, 82.6503, 79.0991



74.6548, 82.6503, 105.7512



83.8821, 82.6503, 101.8420



82.5921, 82.6503, 75.8820



# Rectangle

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



73.4615, 82.6503, 79.0991



72.3398, 82.6503, 94.1793



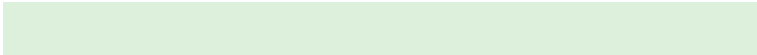
83.8821, 82.6503, 101.8420



85.1198, 82.6503, 85.9309

# Sweetspot

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



73.4638, 82.6538, 79.1009



91.2127, 98.1613, 102.4187



79.5769, 85.3476, 79.2987



19.3092, 20.9080, 21.5605



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

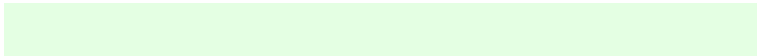


# Same Dimension

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



73.4638, 82.6538, 79.1009



81.7037, 93.6039, 86.3980



74.4423, 83.0104, 85.8283



15.6355, 17.6922, 16.7406



17.1669, 34.1714, 5.6910



1.4525, 2.8553, 0.4746



# Inverse Universe

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



76.6595, 75.3073, 92.9377



86.2559, 83.1385, 106.1089



75.6299, 74.9345, 85.7490



16.3756, 15.9908, 19.9451



26.2578, 12.5418, 46.1647

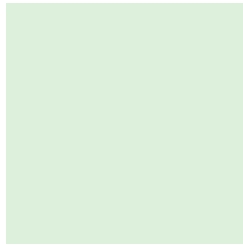


2.2071, 1.0551, 3.8415



# Previews

## White Background



This preview shows how the XYZ color 73.4615, 82.6503, 79.0991 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

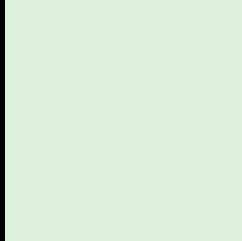
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.4615, 82.6503, 79.0991 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

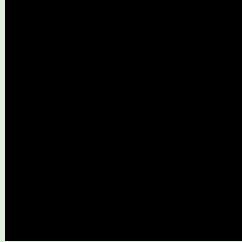
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

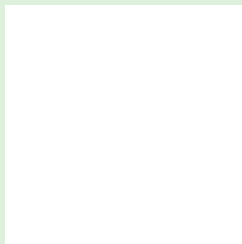
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 73.4615, 82.6503, 79.0991**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.4615, 82.6503, 79.0991.



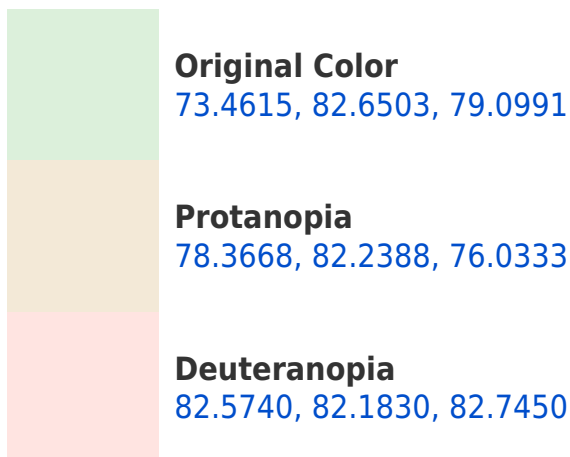
This preview shows how white text looks on a background with the XYZ color 73.4615, 82.6503,

79.0991.

# 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

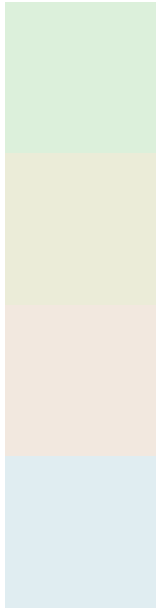




## Tritanopia

78.9618, 82.7412, 105.5748

# Trichromacy



## Original Color

73.4615, 82.6503, 79.0991

## Protanomaly

76.6511, 82.6109, 76.8713

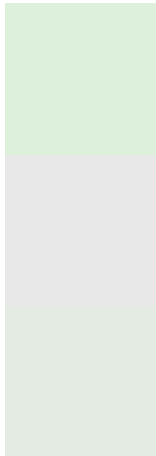
## Deuteranomaly

78.7938, 81.9182, 81.4709

## Tritanomaly

76.9018, 82.7665, 95.1415

# Monochromacy



## Original Color

73.4615, 82.6503, 79.0991

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

75.5684, 81.4567, 84.4129

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.4615, 82.6503, 79.0991 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(220, 240, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 240, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 73.4615, 82.6503, 79.0991 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, 219) }
```



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

```
.border{ border-color:rgb(220, 240, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(220, 240,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.4615, 82.6503, 79.0991 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, 219) }
```

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

```
.background{ background-color: rgb(220,  
240, 219) }
```

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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