

Converting Colors

XYZ(71.0775, 79.7159, 74.3567)

Have a look what the booklet for
XYZ(71.0775, 79.7159, 74.3567)
contains.

XYZ(71.2191, 79.8551, 74.6107)	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(71.2191, 79.8551,
74.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	DBECD5
RGB	219, 236, 213
RGB Percent	86%, 93%, 84%
CMY	0.1412, 0.0745, 0.1647
CMYK	0.07, 0.00, 0.10, 0.07
HSL	104°, 38%, 88%
HSV	104°, 10%, 93%
XYZ	71.2191, 79.8551, 74.6107
YIQ	228.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

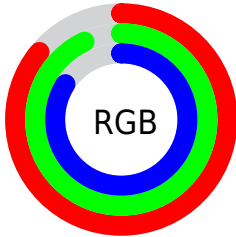
Format	Color
RYB	213, 236, 230
Decimal	14413013
CIELab	91.62, -9.74, 9.23
CIElCh	92, 13.416, 136.543
Yxy	79.8551, 0.3156, 0.3538
Android (android.graphics.Color)	4292603093 (0xFFDBECD5)
YUV	228.2950, -7.5404, -8.1517
Hunter-Lab	89.3617, -14.1228, 13.0502

Details

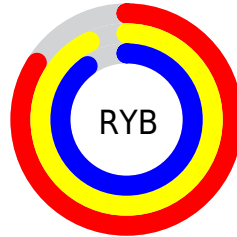
The XYZ color **71.2191, 79.8551, 74.6107** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.5709, 70.4698, 89.1909**, and the grayscale version is **74.0156, 77.8701, 84.8006**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8027, 43.0037, 38.6559** is the 20% darker color. If you saturate the color by 10%, you get **63.4631, 76.1803, 59.7322**, and if you desaturate by 10%, it is **79.9656, 83.9947, 91.8144**.

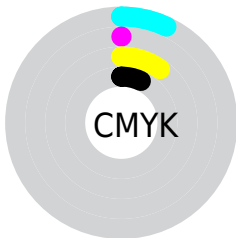
Distribution



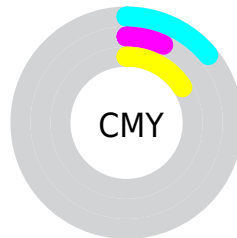
- Red (86%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (90%)



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



- Cyan (14%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2191, 79.8551, 74.6107 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 71.2191, 79.8551, 74.6107 by changing the saturation by 10% instead.

71.2191, 79.8551,
74.6107

71.2191, 79.8551,
74.6107

454.0189,
494.4444, 495.7981

52.8042, 59.5991,
54.7942

119.9625,
133.1620, 127.5032

37.8733, 43.0956,
38.8395

151.0216,
166.9817, 161.4162

26.0612, 29.9601,
26.3280

187.0263,
206.0914, 200.8652

17.0023, 19.8083,
16.8412

228.3417,
250.8756, 246.2687

10.3315, 12.2558,
9.9606

275.3334,
301.7186, 298.0452

5.6832, 6.9181,
5.2676

328.3665,

2.6922, 3.4110,

359.0048, 356.6132

2.3436

387.8066,
423.1186, 422.3913

■ 0.9932, 1.3499,
0.7555

■ 0.0000, 0.1793,
0.0000

■ 71.2191, 79.8551,
74.6107

■ 71.2191, 79.8551,
74.6107

■ 63.4631, 76.1803,
59.7322

■ 79.9656, 83.9947,
91.8144

■ 56.6553, 72.9439,
47.0741

■ 88.8806, 88.2646,
106.9600

■ 50.7602, 70.1321,
36.5315

■ 89.2870, 88.4741,
106.9790

■ 45.7373, 67.7266,
27.9889

■ 41.5430, 65.7076,
21.3195

■ 38.1294, 64.0536,
16.3825

■ 35.4437, 62.7408,
13.0166

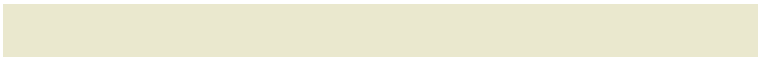
■ 33.4249, 61.7420,
11.0307

■ 31.9864, 61.0193,
10.1092

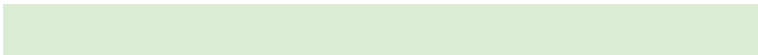
Harmonies

Analogous

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



74.0401, 79.8551, 70.0930



71.2191, 79.8551, 74.6107



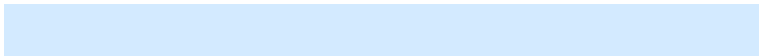
69.6736, 79.8551, 82.6331

Triad

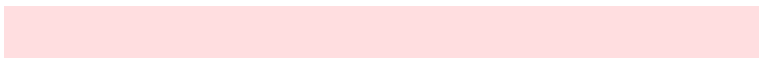
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2191, 79.8551, 74.6107



74.3777, 79.8551, 106.6115



82.3895, 79.8551, 81.6880

Complementary

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



71.2191, 79.8551, 74.6107



71.5709, 70.4698, 89.1909

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.



82.4865, 79.8551, 91.4119



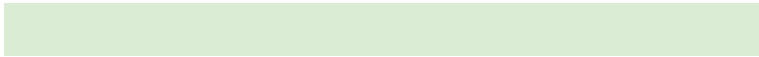
71.2191, 79.8551, 74.6107



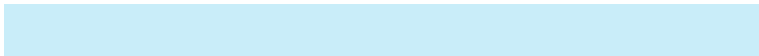
77.7906, 79.8551, 106.3105

Square

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



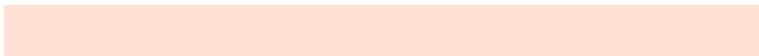
71.2191, 79.8551, 74.6107



71.4598, 79.8551, 101.3706



80.7814, 79.8551, 100.5768



80.5202, 79.8551, 73.9638

Rectangle

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



71.2191, 79.8551, 74.6107



69.5434, 79.8551, 89.1157



80.7814, 79.8551, 100.5768



82.6323, 79.8551, 84.8170

Sweetspot

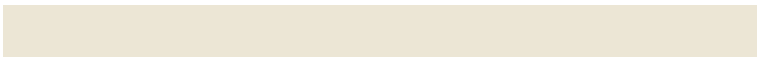
The Sweet Spot groups the original color and five complimentary colors.



71.2213, 79.8585, 74.6124



91.7926, 98.4603, 102.4459



74.8654, 79.1600, 74.2855



19.4650, 20.9883, 21.5678



0.0000, 0.0000, 0.0000



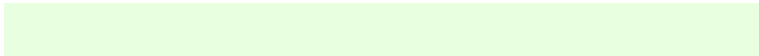
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2213, 79.8585, 74.6124



82.6713, 94.1431, 84.6200



70.1414, 79.2218, 78.1778



15.2367, 17.0520, 16.0070



17.7164, 33.6776, 5.5667



1.4789, 2.6897, 0.4412

Inverse Universe

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



71.5709, 70.4698, 89.1909



83.1779, 80.5243, 105.7665



72.7613, 71.1723, 85.2362



15.3092, 15.1047, 19.0309



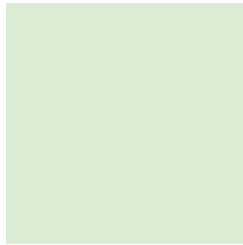
18.1503, 8.3928, 44.4063



1.5143, 0.7050, 3.4911

Previews

White Background



This preview shows how the XYZ color 71.2191, 79.8551, 74.6107 looks on a white background.

Color Contrast Check

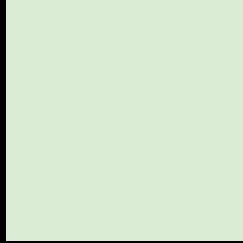
Large Text (above 18pt) WCAG AA × Fail

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 71.2191, 79.8551, 74.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

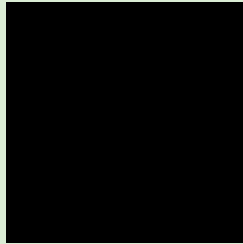
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

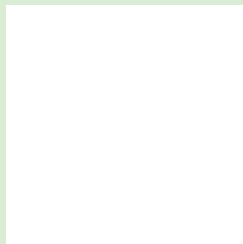
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2191, 79.8551, 74.6107

Background



This preview shows how black text looks on a background with the XYZ color 71.2191, 79.8551, 74.6107.

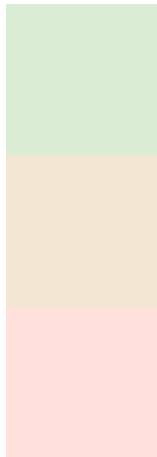


This preview shows how white text looks on a background with the XYZ color 71.2191, 79.8551,

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



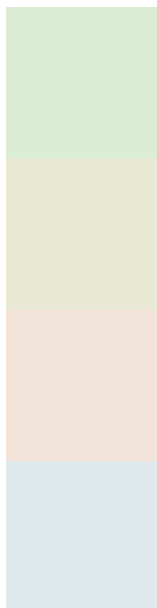
Original Color
71.2191, 79.8551, 74.6107
Protanopia
75.8649, 79.7720, 72.3718
Deuteranopia
80.5505, 79.6333, 77.4550



Tritanopia

76.7261, 79.9989, 101.0200

Trichromacy



Original Color

71.2191, 79.8551, 74.6107

Protanomaly

73.8932, 79.5722, 73.0924

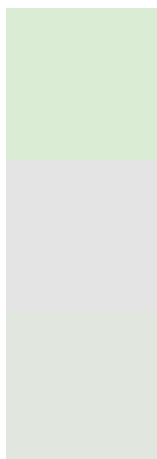
Deuteranomaly

76.7560, 79.3219, 76.2309

Tritanomaly

74.7107, 80.0219, 90.8650

Monochromacy



Original Color

71.2191, 79.8551, 74.6107

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9465, 78.4871, 81.1169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2191, 79.8551, 74.6107 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(219, 236, 213) looks like.

```
.text, #text, p{  
    color:rgb(219, 236, 213)  
}
```

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(219, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 236, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.2191, 79.8551, 74.6107 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(219, 236, 213) }
```


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

```
.border{ border-color:rgb(219, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 236,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2191, 79.8551, 74.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 236, 213) }
```

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

```
.background{ background-color: rgb(219,  
236, 213) }
```

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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