

Converting Colors

XYZ(73.2308, 81.6212, 75.4916)

Have a look what the booklet for
XYZ(73.2308, 81.6212, 75.4916)
contains.

XYZ(73.4526, 81.8514, 75.5459)	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(73.4526, 81.8514,
75.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EED6
RGB	224, 238, 214
RGB Percent	88%, 93%, 84%
CMY	0.1216, 0.0666, 0.1608
CMYK	0.06, 0.00, 0.10, 0.07
HSL	95°, 41%, 89%
HSV	95°, 10%, 93%
XYZ	73.4526, 81.8514, 75.5459
YIQ	231.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

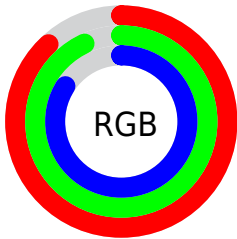
Format	Color
R_{YB}	214, 238, 228
Decimal	14741206
CIE _{Lab}	92.51, -8.87, 10.03
CIE _{LCh}	93, 13.390, 131.507
Yxy	81.8514, 0.3182, 0.3546
Android (android.graphics.Color)	4292931286 (0xFFE0EED6)
YUV	231.0780, -8.4195, -6.2074
Hunter-Lab	90.4718, -13.4042, 13.8218

Details

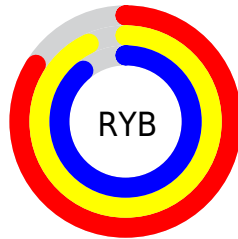
The XYZ color **73.4526, 81.8514, 75.5459** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4774, 70.7625, 90.7845**, and the grayscale version is **76.0767, 80.0386, 87.1620**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3481, 44.3941, 39.2959** is the 20% darker color. If you saturate the color by 10%, you get **66.5037, 78.5974, 60.4963**, and if you desaturate by 10%, it is **81.2017, 85.4713, 92.9546**.

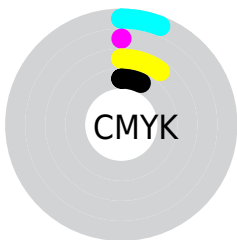
Distribution



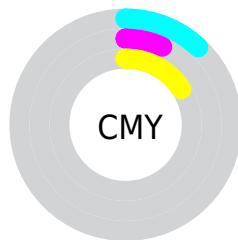
- Red (88%)
- Green (93%)
- Blue (84%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4526, 81.8514, 75.5459 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 73.4526, 81.8514, 75.5459 by changing the saturation by 10% instead.

73.4526, 81.8514,
75.5459

73.4526, 81.8514,
75.5459

461.6615,
501.1505, 499.0972

54.6358, 61.2431,
55.5558

123.1192,
135.9656, 128.8390

39.3429, 44.4214,
39.4453

154.6997,
170.2402, 162.9791

27.2085, 31.0019,
26.7958

191.2655,
209.8391, 202.6729

17.8673, 20.6003,
17.1889

233.1820,
255.1466, 248.3391

10.9539, 12.8321,
10.2059

280.8145,
306.5470, 300.3960

6.1029, 7.3131,
5.4283

334.5283,

2.9490, 3.6586,

364.4249, 359.2623

2.4376

394.6889,
429.1646, 425.3565

■ 1.1268, 1.4845,
0.8068

■ 0.0474, 0.2778,
0.0000

■ 73.4526, 81.8514,
75.5459

■ 73.4526, 81.8514,
75.5459

■ 66.5037, 78.5974,
60.4963

■ 81.2017, 85.4713,
92.9546

■ 60.3206, 75.6868,
47.6992

■ 88.6888, 89.0254,
107.1170

■ 54.8765, 73.1104,
37.0475

■ 89.8662, 89.6323,
107.1721

■ 50.1400, 70.8546,
28.4234

■ 46.0773, 68.9048,
21.6977

■ 42.6511, 67.2450,
16.7263

■ 39.8200, 65.8575,
13.3446

■ 37.5359, 64.7216,
11.3565

■ 35.7379, 63.8133,
10.4336

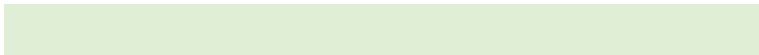
Harmonies

Analogous

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



76.4719, 81.8514, 71.6549



73.4526, 81.8514, 75.5459



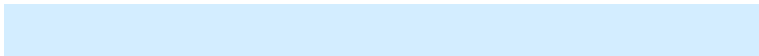
71.6309, 81.8514, 83.1892

Triad

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



73.4526, 81.8514, 75.5459



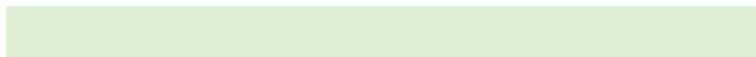
75.6971, 81.8514, 108.5303



84.5303, 81.8514, 85.3590

Complementary

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



73.4526, 81.8514, 75.5459



71.4774, 70.7625, 90.7845

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.



84.3078, 81.8514, 95.3309



73.4526, 81.8514, 75.5459



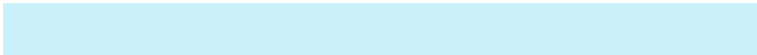
79.1379, 81.8514, 109.2200

Square

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



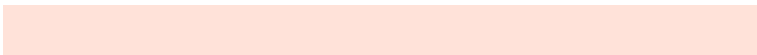
73.4526, 81.8514, 75.5459



72.8999, 81.8514, 102.4153



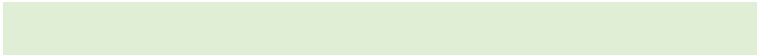
82.3100, 81.8514, 104.2349



82.9092, 81.8514, 77.0323

Rectangle

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



73.4526, 81.8514, 75.5459



71.3071, 81.8514, 89.6265



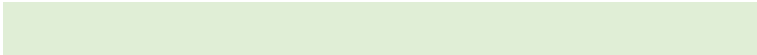
82.3100, 81.8514, 104.2349



84.6699, 81.8514, 88.6199

Sweetspot

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



73.4548, 81.8549, 75.5477



92.2196, 98.6803, 102.4658



75.1441, 78.5223, 74.8154



19.5800, 21.0476, 21.5732



0.0000, 0.0000, 0.0000



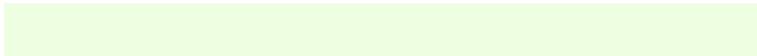
20.3446, 21.4041, 23.3091

Same Dimension

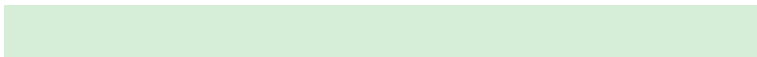
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4548, 81.8549, 75.5477



84.2431, 94.9534, 84.6935



70.7032, 80.4067, 76.7608



16.1898, 17.9780, 16.7665



20.0765, 35.6714, 5.8271



1.7809, 3.0246, 0.4899

Inverse Universe

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



71.4774, 70.7625, 90.7845



81.5181, 79.6686, 105.6889



74.4499, 72.3286, 89.3978



15.7809, 15.6843, 19.9172



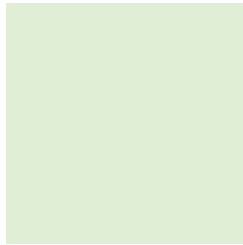
14.6873, 6.5770, 45.6232



1.3349, 0.6054, 3.8007

Previews

White Background



This preview shows how the XYZ color 73.4526, 81.8514, 75.5459 looks on a white background.

Color Contrast Check

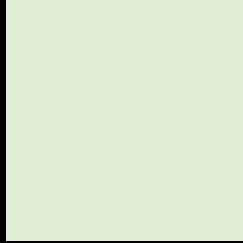
Large Text (above 18pt) WCAG AA × Fail

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 73.4526, 81.8514, 75.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

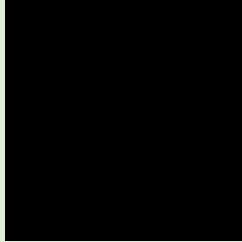
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

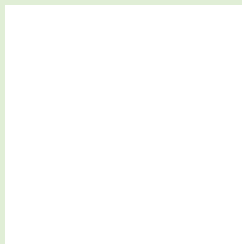
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4526, 81.8514, 75.5459

Background



This preview shows how black text looks on a background with the XYZ color 73.4526, 81.8514, 75.5459.



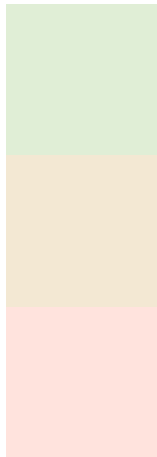
This preview shows how white text looks on a background with the XYZ color 73.4526, 81.8514,

75.5459.

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

73.4526, 81.8514, 75.5459

Protanopia

77.5766, 81.4711, 73.2648

Deuteranopia

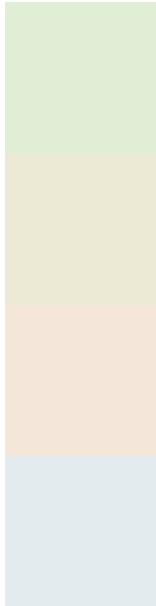
81.7602, 81.4186, 79.8128



Tritanopia

79.1846, 82.0659, 102.9336

Trichromacy



Original Color

73.4526, 81.8514, 75.5459

Protanomaly

75.8986, 81.4320, 74.0050

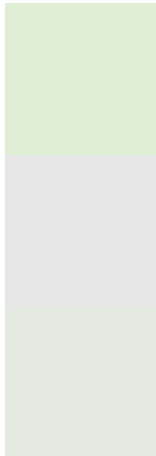
Deuteranomaly

78.5390, 81.4469, 77.9110

Tritanomaly

77.1359, 82.0837, 92.6672

Monochromacy



Original Color

73.4526, 81.8514, 75.5459

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.0083, 80.7759, 82.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4526, 81.8514, 75.5459 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(224, 238, 214)` looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 214)  
}
```

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(224, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 214) }
```

Border

The CSS property to change the border of an element to XYZ 73.4526, 81.8514, 75.5459 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(224, 238, 214) }
```


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

```
.border{ border-color:rgb(224, 238, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 238, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 238, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 238, 214); box-shadow:4px 4px 4px 4px rgb(224, 238, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4526, 81.8514, 75.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 238, 214) }
```

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

```
.background{ background-color: rgb(224,  
238, 214) }
```

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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