

Converting Colors

XYZ(74.1600, 81.1190, 83.7167)

Have a look what the booklet for
XYZ(74.1600, 81.1190, 83.7167)
contains.

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Color

**XYZ(74.1543, 81.1699,
83.7105)**

Conversions

Conversions Part 1

Format	Color
Hex	DFECE2
RGB	223, 236, 226
RGB Percent	87%, 93%, 89%
CMY	0.1255, 0.0745, 0.1137
CMYK	0.06, 0.00, 0.04, 0.07
HSL	134°, 26%, 90%
HSV	134°, 6%, 93%
XYZ	74.1543, 81.1699, 83.7105
YIQ	230.9730, -4.5380, -5.8660

Conversions

Conversions Part 2

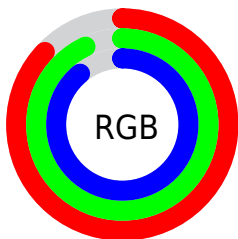
Format	Color
R_{YB}	223, 234, 236
Decimal	14675170
CIE _{Lab}	92.21, -6.12, 3.35
CIE _{LCh}	92, 6.971, 151.321
Yxy	81.1699, 0.3102, 0.3396
Android (android.graphics.Color)	4292865250 (0xFFDFECE2)
YUV	230.9730, -2.4517, -6.9923
Hunter-Lab	90.0943, -10.7464, 7.9772

Details

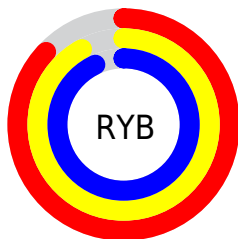
The XYZ color **74.1543, 81.1699, 83.7105** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6907, 76.4933, 87.8700**, and the grayscale version is **75.9576, 79.9133, 87.0256**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8204, 43.9076, 44.9043** is the 20% darker color. If you saturate the color by 10%, you get **65.0230, 76.7376, 70.9602**, and if you desaturate by 10%, it is **84.5675, 86.2372, 97.9013**.

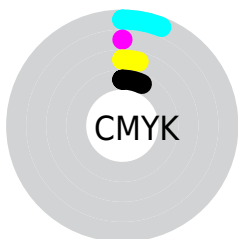
Distribution



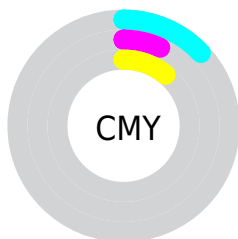
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1543, 81.1699, 83.7105 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 74.1543, 81.1699, 83.7105 by changing the saturation by 10% instead.

■ 74.1543, 81.1699,
83.7105

■ 74.1543, 81.1699,
83.7105

464.0478,
498.8668, 527.3843

■ 55.2121, 60.6815,
62.2324

124.1088,
135.0093, 140.4283

■ 39.8060, 43.9682,
44.7835

155.8519,
169.1291, 176.5050

■ 27.5709, 30.6455,
30.9453

192.5925,
208.5616, 218.2851

■ 18.1412, 20.3291,
20.2991

234.6962,
253.6910, 266.1871

■ 11.1517, 12.6345,
12.4264

282.5282,
304.9019, 320.6294

■ 6.2370, 7.1773,
6.9087

336.4539,

■ 3.0318, 3.5732,

362.5785, 382.0307

3.3275

396.8386,
427.1054, 450.8095

■ 1.1706, 1.4378,
1.2642

■ 0.0830, 0.2444,
0.0322

■ 74.1543, 81.1699,
83.7105

■ 74.1543, 81.1699,
83.7105

■ 65.0230, 76.7376,
70.9602

■ 84.5675, 86.2372,
97.9013

■ 57.1169, 72.9051,
59.6000

■ 89.2871, 88.4741,
106.9790

■ 50.3852, 69.6495,
49.5845

■ 44.7708, 66.9424,
40.8635

■ 40.2116, 64.7529,
33.3840

■ 36.6396, 63.0471,
27.0893

■ 33.9783, 61.7868,
21.9181

■ 32.1394, 60.9280,
17.8037

■ 31.0159, 60.4170,
14.6717

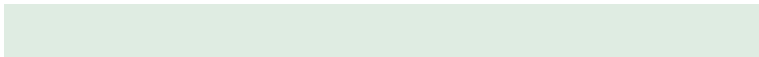
Harmonies

Analogous

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



75.3653, 81.1699, 80.1842



74.1543, 81.1699, 83.7105



73.7426, 81.1699, 88.6088

Triad

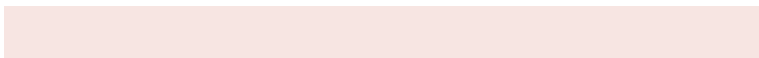
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1543, 81.1699, 83.7105



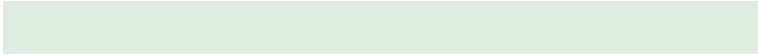
77.2293, 81.1699, 98.6592



80.1426, 81.1699, 83.3296

Complementary

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



74.1543, 81.1699, 83.7105



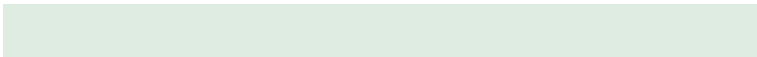
75.6907, 76.4933, 87.8700

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.



80.6598, 81.1699, 88.1521



74.1543, 81.1699, 83.7105



78.9618, 81.1699, 97.1166

Square

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



74.1543, 81.1699, 83.7105



75.5013, 81.1699, 97.3599



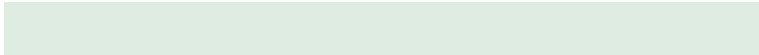
80.2244, 81.1699, 93.2205



78.8216, 81.1699, 79.9704

Rectangle

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



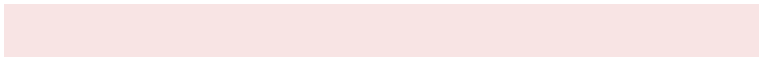
74.1543, 81.1699, 83.7105



73.9717, 81.1699, 92.0315



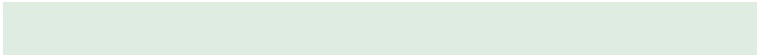
80.2244, 81.1699, 93.2205



80.4171, 81.1699, 84.8269

Sweetspot

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



74.1566, 81.1734, 83.7123



92.5732, 98.7954, 105.5205



76.9822, 82.6772, 81.7138



19.8404, 21.1589, 22.6212



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

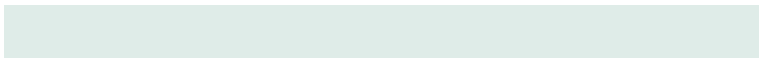
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1566, 81.1734, 83.7123



86.6525, 95.9173, 97.3763



75.0400, 81.5267, 88.3644



15.3893, 17.1030, 17.2651



16.9479, 33.2336, 7.6907



1.3669, 2.6241, 0.7938

Inverse Universe

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



75.6907, 76.4933, 87.8700



88.9616, 88.8728, 103.6343



74.8037, 76.1386, 83.1995



15.8325, 15.7510, 18.4662



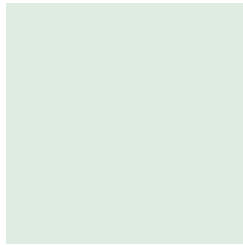
23.7483, 11.7020, 25.5395



1.9009, 0.9333, 2.1956

Previews

White Background



This preview shows how the XYZ color 74.1543, 81.1699, 83.7105 looks on a white background.

Color Contrast Check

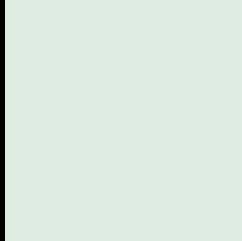
Large Text (above 18pt) WCAG AA × Fail

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 74.1543, 81.1699, 83.7105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

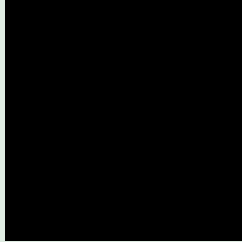
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

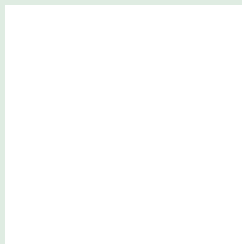
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1543, 81.1699, 83.7105

Background



This preview shows how black text looks on a background with the XYZ color 74.1543, 81.1699, 83.7105.



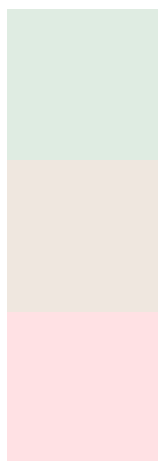
This preview shows how white text looks on a background with the XYZ color 74.1543, 81.1699,

83.7105.

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

74.1543, 81.1699, 83.7105

Protanopia

77.4918, 80.8303, 81.3296

Deuteranopia

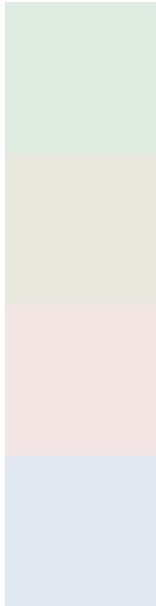
82.1688, 80.7119, 84.6470



Tritanopia

77.9478, 81.0092, 102.7948

Trichromacy



Original Color

74.1543, 81.1699, 83.7105

Protanomaly

76.1977, 80.9833, 82.1363

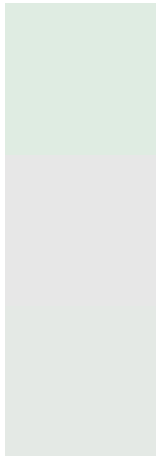
Deuteranomaly

78.8466, 80.6394, 84.0823

Tritanomaly

76.5300, 80.8574, 95.5779

Monochromacy



Original Color

74.1543, 81.1699, 83.7105

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2767, 80.4290, 85.6856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1543, 81.1699, 83.7105 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(223, 236, 226) looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 226)  
}
```

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(223, 236, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 226) }
```

Border

The CSS property to change the border of an element to XYZ 74.1543, 81.1699, 83.7105 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(223, 236, 226) }
```


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

```
.border{ border-color:rgb(223, 236, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1543, 81.1699, 83.7105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 226) }
```

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

```
.background{ background-color: rgb(223,  
236, 226) }
```

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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