

Converting Colors

XYZ(74.2424, 81.0636, 84.1279)

Have a look what the booklet for
XYZ(74.2424, 81.0636, 84.1279)
contains.

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Color

**XYZ(74.2920, 81.2249,
84.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	DFECE3
RGB	223, 236, 227
RGB Percent	87%, 93%, 89%
CMY	0.1255, 0.0745, 0.1098
CMYK	0.06, 0.00, 0.04, 0.07
HSL	138°, 26%, 90%
HSV	138°, 6%, 93%
XYZ	74.2920, 81.2249, 84.4354
YIQ	231.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

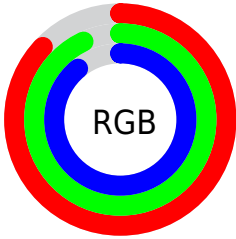
Format	Color
R _Y B	223, 233, 236
Decimal	14675171
CIE Lab	92.23, -5.94, 2.86
CIE LCh	92, 6.590, 154.275
Yxy	81.2249, 0.3096, 0.3385
Android (android.graphics.Color)	4292865251 (0xFFDFECE3)
YUV	231.0870, -2.0149, -7.0923
Hunter-Lab	90.1249, -10.5768, 7.5403

Details

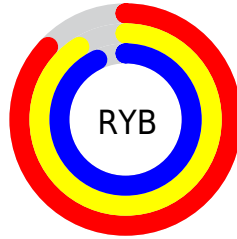
The XYZ color **74.2920, 81.2249, 84.4354** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5482, 76.4365, 87.1198**, and the grayscale version is **76.0394, 79.9994, 87.1193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9161, 43.9459, 45.4083** is the 20% darker color. If you saturate the color by 10%, you get **65.3721, 76.8772, 72.7987**, and if you desaturate by 10%, it is **84.4441, 86.1877, 97.2506**.

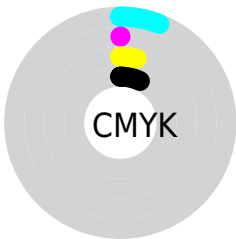
Distribution



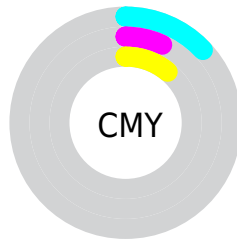
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- 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 74.2920, 81.2249, 84.4354 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 74.2920, 81.2249, 84.4354 by changing the saturation by 10% instead.

■ 74.2920, 81.2249,
84.4354

■ 74.2920, 81.2249,
84.4354

464.5153,
499.0513, 529.8538

■ 55.3252, 60.7268,
62.8275

124.3029,
135.0865, 141.4512

■ 39.8970, 44.0048,
45.2616

156.0778,
169.2189, 177.6962

■ 27.6421, 30.6742,
31.3191

192.8526,
208.6648, 219.6574

■ 18.1951, 20.3509,
20.5814

234.9929,
253.8086, 267.7532

■ 11.1907, 12.6504,
12.6301

282.8640,
305.0348, 322.4022

■ 6.2635, 7.1882,
7.0466

336.8312,

■ 3.0481, 3.5801,

362.7277, 384.0229

3.4124

397.2598,
427.2717, 453.0339

■ 1.1793, 1.4416,
1.3089

■ 0.0899, 0.2471,
0.0690

■ 74.2920, 81.2249,
84.4354

■ 74.2920, 81.2249,
84.4354

■ 65.3721, 76.8772,
72.7987

■ 84.4441, 86.1877,
97.2506

■ 57.6300, 73.1103,
62.3019

■ 89.2870, 88.4740,
106.9790

■ 51.0172, 69.9022,
52.9122

■ 45.4790, 67.2256,
44.5930

■ 40.9564, 65.0507,
37.3060

■ 37.3842, 63.3448,
31.0103

■ 34.6892, 62.0711,
25.6623

■ 32.7872, 61.1870,
21.2151

■ 31.5753, 60.6406,
17.6174

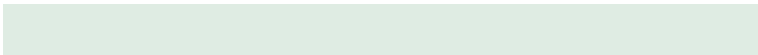
Harmonies

Analogous

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



75.3741, 81.2249, 80.9217



74.2920, 81.2249, 84.4354



73.9852, 81.2249, 89.1403

Triad

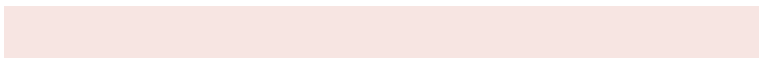
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2920, 81.2249, 84.4354



77.4459, 81.2249, 98.1160



79.9368, 81.2249, 83.2680

Complementary

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



74.2920, 81.2249, 84.4354



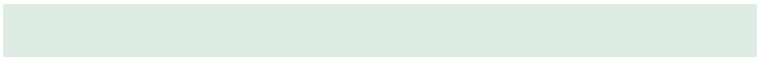
75.5482, 76.4365, 87.1198

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.



80.5103, 81.2249, 87.7436



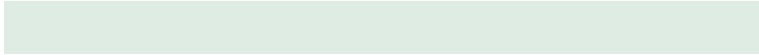
74.2920, 81.2249, 84.4354



79.0589, 81.2249, 96.4104

Square

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



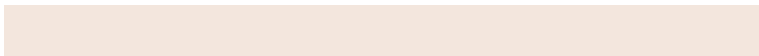
74.2920, 81.2249, 84.4354



75.7905, 81.2249, 97.1520



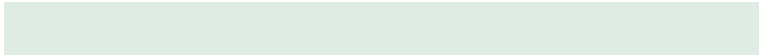
80.1867, 81.2249, 92.5695



78.6305, 81.2249, 80.2653

Rectangle

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



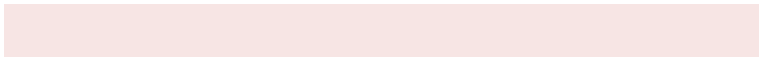
74.2920, 81.2249, 84.4354



74.2579, 81.2249, 92.3480



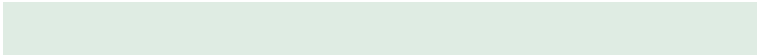
80.1867, 81.2249, 92.5695



80.2226, 81.2249, 84.6440

Sweetspot

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



74.2943, 81.2284, 84.4372



92.6351, 98.8202, 105.8465



76.6291, 82.4950, 81.6975



19.8530, 21.1639, 22.6876



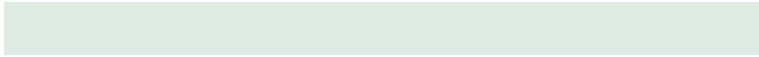
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.2943, 81.2284, 84.4372



86.8586, 95.9997, 98.4618



75.1948, 81.5886, 89.1792



15.4288, 17.1188, 17.4731



17.2404, 33.3506, 9.2307



1.3954, 2.6355, 0.9441

Inverse Universe

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



75.5482, 76.4365, 87.1198



88.7461, 88.7866, 102.4996



74.6549, 76.0792, 82.4158



15.7911, 15.7345, 18.2480



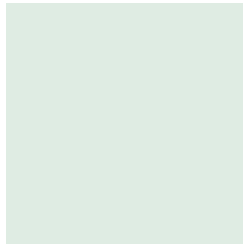
22.7923, 11.3196, 20.5056



1.8324, 0.9059, 1.8349

Previews

White Background



This preview shows how the XYZ color 74.2920, 81.2249, 84.4354 looks on a white background.

Color Contrast Check

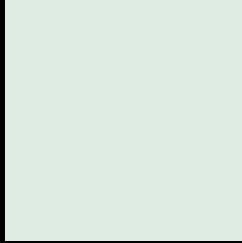
Large Text (above 18pt) WCAG AA × Fail

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 74.2920, 81.2249, 84.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

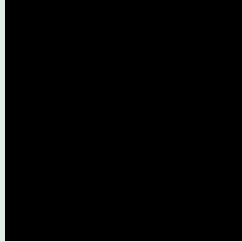
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

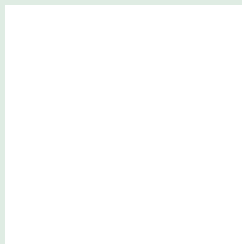
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2920, 81.2249, 84.4354

Background



This preview shows how black text looks on a background with the XYZ color 74.2920, 81.2249, 84.4354.



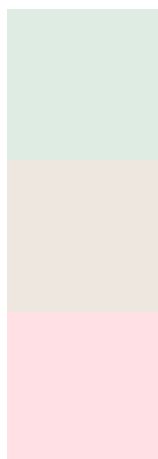
This preview shows how white text looks on a background with the XYZ color 74.2920, 81.2249,

84.4354.

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

74.2920, 81.2249, 84.4354

Protanopia

77.2904, 80.7108, 82.0261

Deuteranopia

82.3081, 80.7676, 85.3803



Tritanopia

77.9478, 81.0092, 102.7948

Trichromacy



Original Color

74.2920, 81.2249, 84.4354

Protanomaly

76.3338, 81.0377, 82.8528

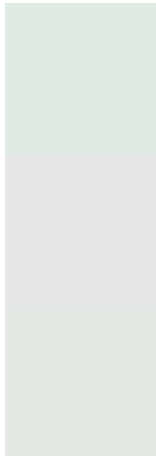
Deuteranomaly

78.9851, 80.6947, 84.8115

Tritanomaly

76.5300, 80.8574, 95.5779

Monochromacy



Original Color

74.2920, 81.2249, 84.4354

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4167, 80.4850, 86.4232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2920, 81.2249, 84.4354 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.2920, 81.2249, 84.4354 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, 227) }
```


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

```
.border{ border-color:rgb(223, 236, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2920, 81.2249, 84.4354 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, 227) }
```

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

```
.background{ background-color: rgb(223,  
236, 227) }
```

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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