

Converting Colors

XYZ(77.0496, 84.7202, 78.9744)

Have a look what the booklet for
XYZ(77.0496, 84.7202, 78.9744)
contains.

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Color

**XYZ(76.9013, 84.4236,
79.2601)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F0DB
RGB	231, 240, 219
RGB Percent	91%, 94%, 86%
CMY	0.0941, 0.0588, 0.1412
CMYK	0.04, 0.00, 0.09, 0.06
HSL	86°, 41%, 90%
HSV	86°, 9%, 94%
XYZ	76.9013, 84.4236, 79.2601
YIQ	234.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

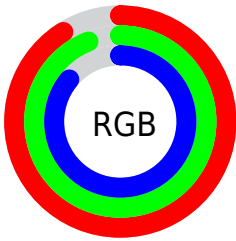
Format	Color
R _Y B	219, 240, 228
Decimal	15200475
CIE Lab	93.63, -6.65, 9.11
CIE LCh	94, 11.281, 126.128
Yxy	84.4236, 0.3196, 0.3509
Android (android.graphics.Color)	4293390555 (0xFFE7F0DB)
YUV	234.9150, -7.8461, -3.4335
Hunter-Lab	91.8823, -11.3977, 13.1725

Details

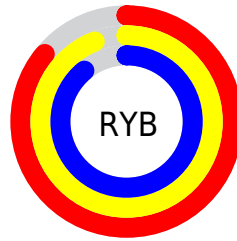
The XYZ color **76.9013, 84.4236, 79.2601** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **73.0579, 73.4506, 92.7693**, and the grayscale version is **78.9601, 83.0722, 90.4656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5205, 46.0753, 41.8270** is the 20% darker color. If you saturate the color by 10%, you get **70.7435, 81.5907, 63.6505**, and if you desaturate by 10%, it is **83.7146, 87.5467, 97.2819**.

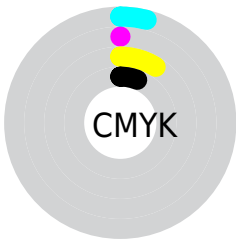
Distribution



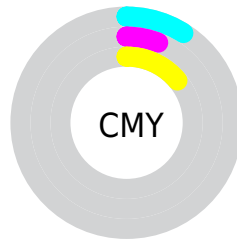
- Red (91%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (9%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9013, 84.4236, 79.2601 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 76.9013, 84.4236, 79.2601 by changing the saturation by 10% instead.

76.9013, 84.4236,
79.2601

76.9013, 84.4236,
79.2601

473.3245,
509.7188, 512.0767

57.4715, 63.3652,
58.5871

127.9737,
139.5676, 134.1269

41.6255, 46.1367,
41.8630

160.3471,
174.4220, 169.1579

28.9980, 32.3537,
28.6693

197.7657,
214.6438, 209.8119

19.2236, 21.6318,
18.5873

240.5948,
260.6175, 256.5075

11.9369, 13.5866,
11.1987

289.2000,
312.7275, 309.6632

6.7726, 7.8337,
6.0848

343.9464,

3.3654, 3.9887,

371.3581, 369.6976

2.8271

405.1995,
436.8938, 437.0293

■ 1.3498, 1.6673,
1.0070

■ 0.2200, 0.4023,
0.0000

■ 76.9013, 84.4236,
79.2601

■ 76.9013, 84.4236,
79.2601

■ 70.7435, 81.5907,
63.6505

■ 83.7146, 87.5467,
97.2819

■ 65.2115, 79.0277,
50.3453

■ 89.2045, 90.1606,
107.3089

■ 60.2835, 76.7280,
39.2365

■ 90.4518, 90.8035,
107.3673

■ 55.9334, 74.6808,
30.2056

■ 52.1330, 72.8745,
23.1226

■ 48.8512, 71.2961,
17.8431

■ 46.0529, 69.9312,
14.2025

■ 43.6973, 68.7630,
12.0062

■ 41.7257, 67.7675,
10.9673

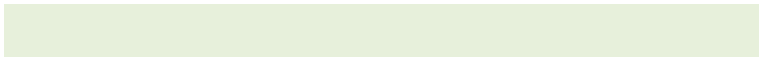
Harmonies

Analogous

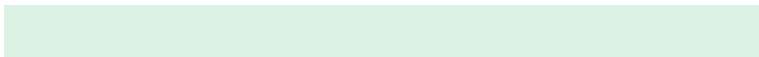
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6302, 84.4236, 76.5106



76.9013, 84.4236, 79.2601



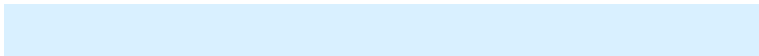
75.1008, 84.4236, 85.4220

Triad

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



76.9013, 84.4236, 79.2601



77.9388, 84.4236, 107.8096



86.0927, 84.4236, 90.1771

Complementary

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



76.9013, 84.4236, 79.2601



73.0579, 73.4506, 92.7693

Split Complementary

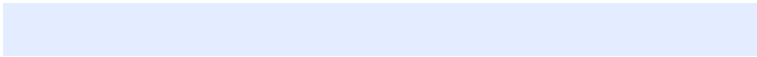
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6128, 84.4236, 98.7456



76.9013, 84.4236, 79.2601



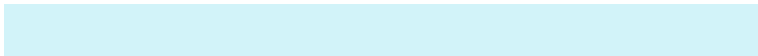
80.8572, 84.4236, 109.2775

Square

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



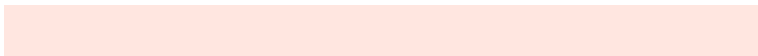
76.9013, 84.4236, 79.2601



75.6894, 84.4236, 101.9721



83.6783, 84.4236, 105.8674



84.9738, 84.4236, 82.5567

Rectangle

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



76.9013, 84.4236, 79.2601



74.6439, 84.4236, 90.8161



83.6783, 84.4236, 105.8674



86.1134, 84.4236, 93.0387

Sweetspot

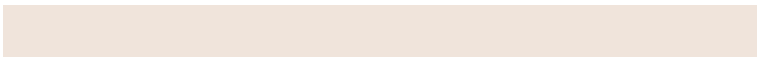
The Sweet Spot groups the original color and five complimentary colors.



76.9036, 84.4273, 79.2619



92.6463, 98.9003, 102.4858



76.3992, 78.9921, 78.2394



19.6951, 21.1069, 21.5786



0.0000, 0.0000, 0.0000



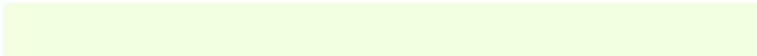
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9036, 84.4273, 79.2619



86.5717, 96.1135, 86.6258



73.6916, 82.7714, 79.1116



16.4305, 18.1021, 16.7778



22.8704, 37.1117, 5.9579



2.0162, 3.1459, 0.5010

Inverse Universe

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



73.0579, 73.4506, 92.7693



81.0936, 80.4772, 105.8673



76.4067, 75.1770, 92.9261



15.5398, 15.5600, 19.9060



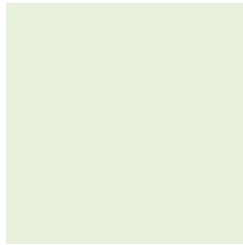
11.8102, 5.0938, 45.4886



1.0941, 0.4813, 3.7895

Previews

White Background



This preview shows how the XYZ color 76.9013, 84.4236, 79.2601 looks on a white background.

Color Contrast Check

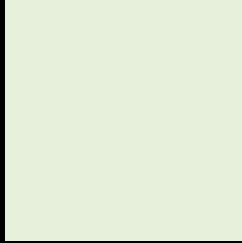
Large Text (above 18pt) WCAG AA × Fail

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 76.9013, 84.4236, 79.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

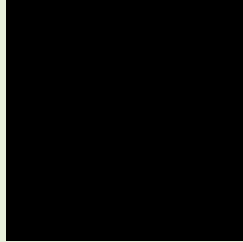
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

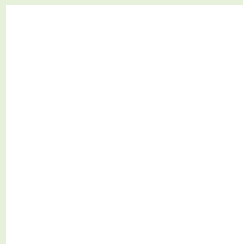
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9013, 84.4236, 79.2601

Background



This preview shows how black text looks on a background with the XYZ color 76.9013, 84.4236, 79.2601.



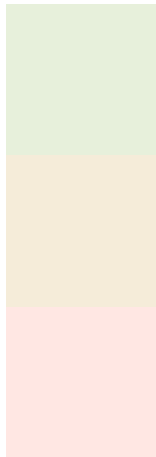
This preview shows how white text looks on a background with the XYZ color 76.9013, 84.4236,

79.2601.

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

76.9013, 84.4236, 79.2601

Protanopia

80.1760, 84.4131, 77.7133

Deuteranopia

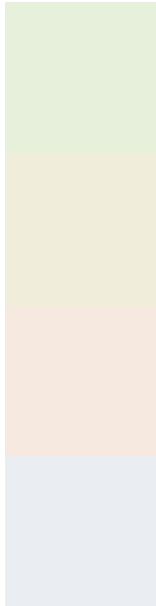
83.6810, 83.9579, 84.4681



Tritanopia

82.1898, 84.4053, 105.7259

Trichromacy



Original Color

76.9013, 84.4236, 79.2601

Protanomaly

78.8743, 84.1556, 78.4162

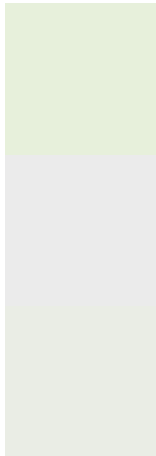
Deuteranomaly

80.8834, 83.8203, 82.4369

Tritanomaly

80.0931, 84.4117, 95.2908

Monochromacy



Original Color

76.9013, 84.4236, 79.2601

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.3587, 83.7179, 86.1580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9013, 84.4236, 79.2601 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(231, 240, 219) looks like.

```
.text, #text, p{  
    color:rgb(231, 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(231, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 76.9013, 84.4236, 79.2601 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(231, 240, 219) }
```


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

```
.border{ border-color:rgb(231, 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(231, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(231, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9013, 84.4236, 79.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 240, 219) }
```

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

```
.background{ background-color: rgb(231,  
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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