

Converting Colors

XYZ(76.0254, 84.2650, 84.8102)

Have a look what the booklet for
XYZ(76.0254, 84.2650, 84.8102)
contains.

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Color

**XYZ(76.0609, 84.3039,
84.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F1E3
RGB	224, 241, 227
RGB Percent	88%, 95%, 89%
CMY	0.1216, 0.0549, 0.1098
CMYK	0.07, 0.00, 0.06, 0.05
HSL	131°, 38%, 91%
HSV	131°, 7%, 95%
XYZ	76.0609, 84.3039, 84.9365
YIQ	234.3210, -5.6380, -7.9580

Conversions

Conversions Part 2

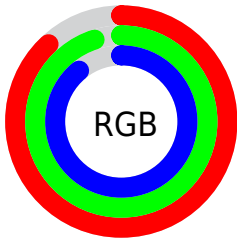
Format	Color
R _Y B	224, 238, 241
Decimal	14741987
CIE Lab	93.58, -8.13, 4.83
CIE LCh	94, 9.456, 149.310
Yxy	84.3039, 0.3101, 0.3437
Android (android.graphics.Color)	4292932067 (0xFFE0F1E3)
YUV	234.3210, -3.6093, -9.0515
Hunter-Lab	91.8172, -12.8115, 9.4251

Details

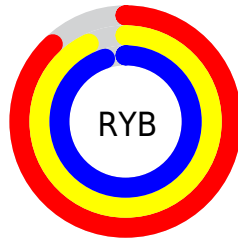
The XYZ color **76.0609, 84.3039, 84.9365** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.3670, 78.1873, 91.8542**, and the grayscale version is **78.4814, 82.5686, 89.9172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1575, 46.1115, 45.7609** is the 20% darker color. If you saturate the color by 10%, you get **66.5312, 79.6920, 71.0055**, and if you desaturate by 10%, it is **86.9699, 89.5951, 100.5842**.

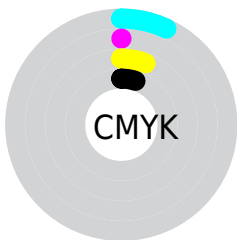
Distribution



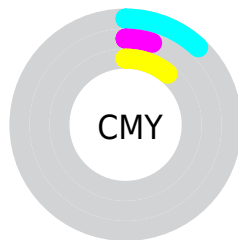
- Red (88%)
- Green (95%)
- Blue (89%)



- Red (88%)
- Yellow (93%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0609, 84.3039, 84.9365 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 76.0609, 84.3039, 84.9365 by changing the saturation by 10% instead.

76.0609, 84.3039,
84.9365

76.0609, 84.3039,
84.9365

470.4973,
509.3219, 531.5570

56.7797, 63.2664,
63.2391

126.7929,
139.4002, 142.1578

41.0678, 46.0567,
45.5924

158.9744,
174.2278, 178.5188

28.5600, 32.2906,
31.5780

196.1866,
214.4208, 220.6047

18.8908, 21.5836,
20.7772

238.7950,
260.3637, 268.8341

11.6950, 13.5512,
12.7716

287.1650,
312.4409, 323.6255

6.6070, 7.8092,
7.1426

341.6618,

3.2617, 3.9731,

371.0367, 385.3974

3.4716

402.6508,
436.5356, 454.5684

■ 1.2936, 1.6585,
1.3402

■ 0.1784, 0.3966,
0.0944

■ 76.0609, 84.3039,
84.9365

■ 76.0609, 84.3039,
84.9365

■ 66.5312, 79.6920,
71.0055

■ 86.9699, 89.5951,
100.5842

■ 58.3187, 75.7216,
58.7273

■ 90.7469, 91.3938,
107.4656

■ 51.3671, 72.3672,
48.0421

■ 45.6132, 69.5977,
38.8845

■ 40.9884, 67.3792,
31.1847

■ 37.4167, 65.6740,
24.8672

■ 34.8129, 64.4401,
19.8498

■ 33.0779, 63.6282,
16.0415

■ 32.0868, 63.1760,
13.3393

Harmonies

Analogous

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



77.7956, 84.3039, 80.2918



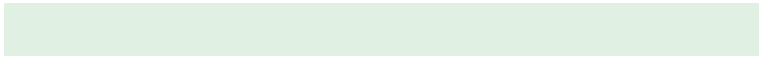
76.0609, 84.3039, 84.9365



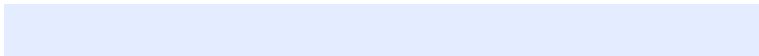
75.4121, 84.3039, 91.6267

Triad

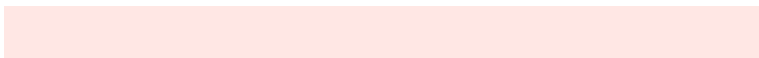
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0609, 84.3039, 84.9365



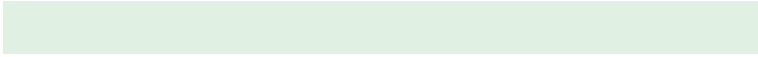
80.0704, 84.3039, 106.2748



84.3982, 84.3039, 85.2098

Complementary

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



76.0609, 84.3039, 84.9365



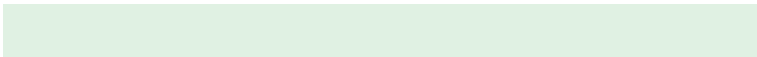
78.3670, 78.1873, 91.8542

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.



85.0372, 84.3039, 91.9587



76.0609, 84.3039, 84.9365



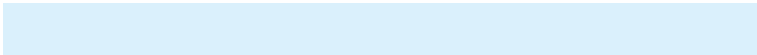
82.5072, 84.3039, 104.3424

Square

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



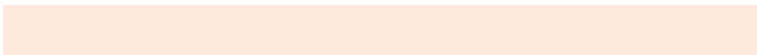
76.0609, 84.3039, 84.9365



77.6972, 84.3039, 104.1617



84.3382, 84.3039, 99.0081



82.6097, 84.3039, 80.4437

Rectangle

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



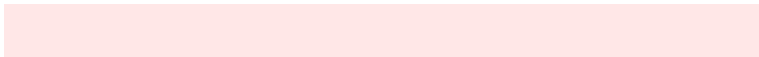
76.0609, 84.3039, 84.9365



75.6720, 84.3039, 96.4258



84.3382, 84.3039, 99.0081



84.7562, 84.3039, 87.3103

Sweetspot

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



76.0633, 84.3075, 84.9383



92.5296, 98.7779, 105.2907



80.2292, 86.5025, 82.9903



19.8315, 21.1553, 22.5744



0.0000, 0.0000, 0.0000



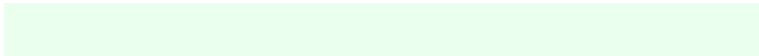
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0633, 84.3075, 84.9383



85.3510, 95.2989, 94.9386



77.2421, 84.7790, 91.1460



15.6797, 17.7019, 17.3364



17.3236, 34.2215, 7.0871



1.4733, 2.8597, 0.7586

Inverse Universe

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



78.3670, 78.1873, 91.8542



88.3098, 87.4382, 103.8211



77.1701, 77.7085, 85.5518



16.3276, 15.9807, 19.2812



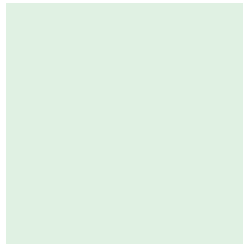
25.2741, 12.3821, 30.4237



2.1336, 1.0425, 2.6944

Previews

White Background



This preview shows how the XYZ color 76.0609, 84.3039, 84.9365 looks on a white background.

Color Contrast Check

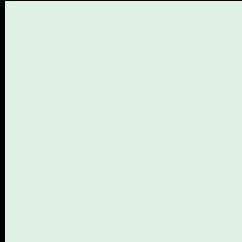
Large Text (above 18pt) WCAG AA × Fail

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 76.0609, 84.3039, 84.9365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

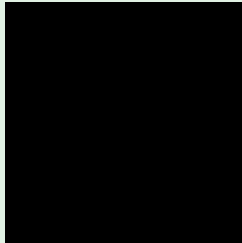
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

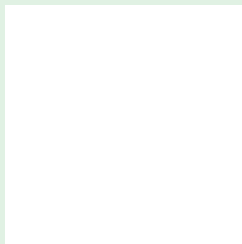
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0609, 84.3039, 84.9365

Background



This preview shows how black text looks on a background with the XYZ color 76.0609, 84.3039, 84.9365.



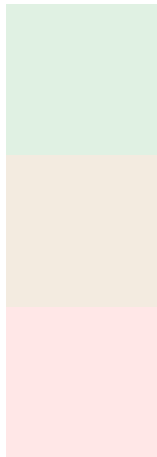
This preview shows how white text looks on a background with the XYZ color 76.0609, 84.3039,

84.9365.

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

76.0609, 84.3039, 84.9365

Protanopia

80.1250, 83.8532, 82.4832

Deuteranopia

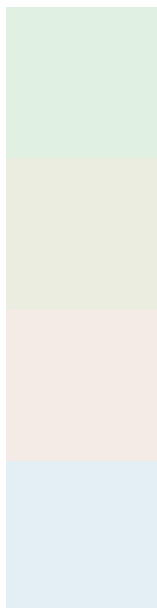
84.2397, 84.1813, 87.4100



Tritanopia

80.6473, 84.4464, 106.6570

Trichromacy



Original Color

76.0609, 84.3039, 84.9365

Protanomaly

78.4669, 83.8375, 83.2808

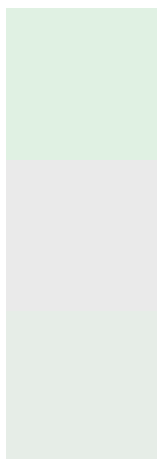
Deuteranomaly

81.2995, 84.3629, 86.8616

Tritanomaly

78.7345, 84.0725, 98.4641

Monochromacy



Original Color

76.0609, 84.3039, 84.9365

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3411, 83.1609, 87.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0609, 84.3039, 84.9365 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, 241, 227) looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 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(224, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.0609, 84.3039, 84.9365 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, 241, 227) }
```


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

```
.border{ border-color:rgb(224, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0609, 84.3039, 84.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 227) }
```

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

```
.background{ background-color: rgb(224,  
241, 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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