

Converting Colors

XYZ(76.0721, 84.3778, 78.4724)

Have a look what the booklet for
XYZ(76.0721, 84.3778, 78.4724)
contains.

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Color

**XYZ(76.1051, 84.4665,
78.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F1DA
RGB	228, 241, 218
RGB Percent	89%, 95%, 85%
CMY	0.1059, 0.0549, 0.1451
CMYK	0.05, 0.00, 0.10, 0.05
HSL	94°, 45%, 90%
HSV	94°, 10%, 95%
XYZ	76.1051, 84.4665, 78.6222
YIQ	234.4910, -0.3650, -9.9090

Conversions

Conversions Part 2

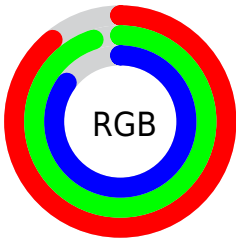
Format	Color
R _Y B	218, 241, 231
Decimal	15004122
CIE Lab	93.65, -8.34, 9.63
CIE LCh	94, 12.741, 130.917
Yxy	84.4665, 0.3182, 0.3531
Android (android.graphics.Color)	4293194202 (0xFFE4F1DA)
YUV	234.4910, -8.1301, -5.6926
Hunter-Lab	91.9057, -13.0229, 13.6134

Details

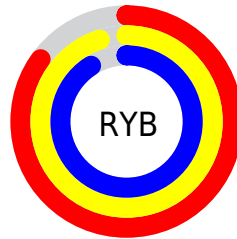
The XYZ color **76.1051, 84.4665, 78.6222** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9069, 73.4849, 93.5121**, and the grayscale version is **78.6408, 82.7362, 90.0998**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1934, 46.2265, 41.4018** is the 20% darker color. If you saturate the color by 10%, you get **69.0252, 81.1574, 63.0078**, and if you desaturate by 10%, it is **83.9889, 88.1419, 96.6715**.

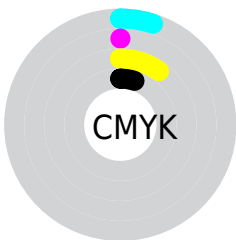
Distribution



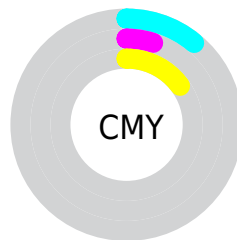
- Red (89%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1051, 84.4665, 78.6222 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 76.1051, 84.4665, 78.6222 by changing the saturation by 10% instead.

76.1051, 84.4665,
78.6222

76.1051, 84.4665,
78.6222

470.6463,
509.8611, 509.8611

56.8160, 63.4007,
58.0658

126.8550,
139.6276, 133.2207

41.0971, 46.1654,
41.4465

159.0466,
174.4916, 168.0998

28.5830, 32.3764,
28.3458

196.2698,
214.7237, 208.5903

18.9083, 21.6491,
18.3452

238.8898,
260.7085, 255.1106

11.7076, 13.5993,
11.0261

287.2721,
312.8302, 308.0793

6.6157, 7.8425,
5.9700

341.7821,

3.2671, 3.9943,

371.4733, 367.9149

2.7583

402.7850,
437.0221, 435.0360

■ 1.2966, 1.6704,
0.9726

■ 0.1806, 0.4044,
0.0000

■ 76.1051, 84.4665,
78.6222

■ 76.1051, 84.4665,
78.6222

■ 69.0252, 81.1574,
63.0078

■ 83.9889, 88.1419,
96.6715

■ 62.7148, 78.1919,
49.7186

■ 90.7469, 91.3939,
107.4656

■ 57.1469, 75.5609,
38.6448

■ 52.2903, 73.2509,
29.6654

■ 48.1112, 71.2475,
22.6481

■ 44.5723, 69.5347,
17.4452

■ 41.6324, 68.0947,
13.8882

■ 39.2433, 66.9074,
11.7770

■ 37.3337, 65.9428,
10.7920

Harmonies

Analogous

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



79.0595, 84.4665, 74.8935



76.1051, 84.4665, 78.6222



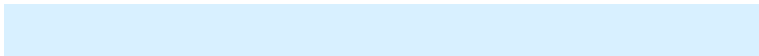
74.3021, 84.4665, 86.0235

Triad

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



76.1051, 84.4665, 78.6222



78.1789, 84.4665, 110.6850



86.8282, 84.4665, 88.4929

Complementary

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



76.1051, 84.4665, 78.6222



73.9069, 73.4849, 93.5121

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.



86.5763, 84.4665, 98.1837



76.1051, 84.4665, 78.6222



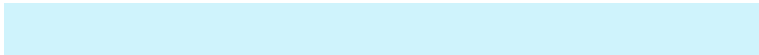
81.5188, 84.4665, 111.4622

Square

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



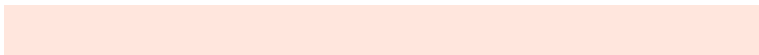
76.1051, 84.4665, 78.6222



75.4760, 84.4665, 104.6937



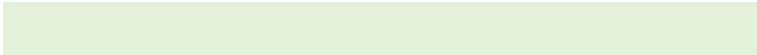
84.6108, 84.4665, 106.7482



85.2896, 84.4665, 80.3207

Rectangle

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



76.1051, 84.4665, 78.6222



73.9645, 84.4665, 92.2676



84.6108, 84.4665, 106.7482



86.9512, 84.4665, 91.6724

Sweetspot

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



76.1074, 84.4701, 78.6240



92.2694, 98.7060, 102.4682



77.4118, 80.7221, 77.8318



19.5934, 21.0545, 21.5738



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

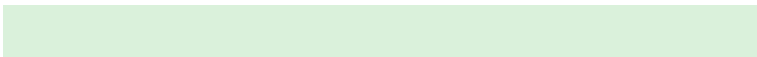
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1074, 84.4701, 78.6240



85.2631, 95.4389, 86.5646



73.1772, 82.9421, 79.2754



16.2177, 17.9924, 16.7678



20.3497, 35.8122, 5.8399



1.8050, 3.0370, 0.4911

Inverse Universe

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



73.9069, 73.4849, 93.5121



82.4010, 81.1512, 105.9285



77.0561, 75.1282, 92.7654



15.7524, 15.6696, 19.9159



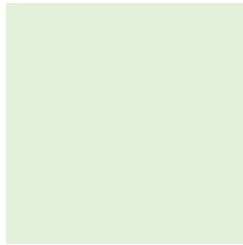
14.2945, 6.3745, 45.6049



1.3031, 0.5890, 3.7992

Previews

White Background



This preview shows how the XYZ color 76.1051, 84.4665, 78.6222 looks on a white background.

Color Contrast Check

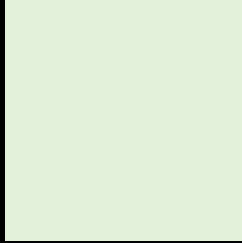
Large Text (above 18pt) WCAG AA × Fail

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 76.1051, 84.4665, 78.6222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

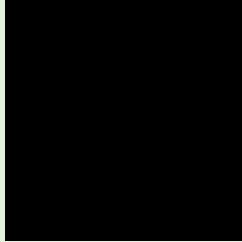
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

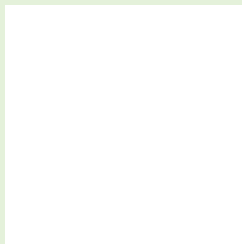
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1051, 84.4665, 78.6222

Background



This preview shows how black text looks on a background with the XYZ color 76.1051, 84.4665, 78.6222.



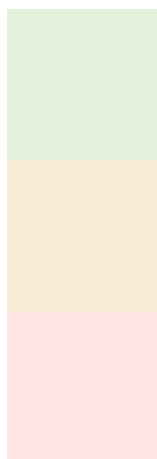
This preview shows how white text looks on a background with the XYZ color 76.1051, 84.4665,

78.6222.

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

76.1051, 84.4665, 78.6222

Protanopia

80.2672, 84.4900, 76.3676

Deuteranopia

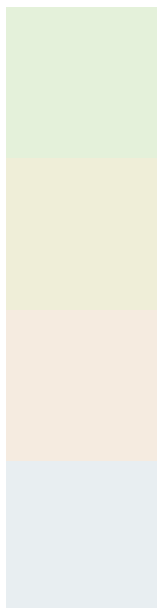
83.6810, 83.9579, 84.4681



Tritanopia

81.8165, 84.6391, 105.7907

Trichromacy



Original Color

76.1051, 84.4665, 78.6222

Protanomaly

78.5658, 84.4577, 77.1268

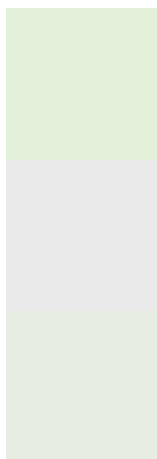
Deuteranomaly

80.8191, 84.2110, 82.5157

Tritanomaly

79.7304, 84.6558, 95.3570

Monochromacy



Original Color

76.1051, 84.4665, 78.6222

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.5665, 83.3256, 85.3940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1051, 84.4665, 78.6222 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(228, 241, 218) looks like.

```
.text, #text, p{  
    color:rgb(228, 241, 218)  
}
```

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(228, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 241, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.1051, 84.4665, 78.6222 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(228, 241, 218) }
```


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

```
.border{ border-color:rgb(228, 241, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 241, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(228, 241,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1051, 84.4665, 78.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 241, 218) }
```

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

```
.background{ background-color: rgb(228,  
241, 218) }
```

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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