

Converting Colors

XYZ(76.0892, 84.3447, 83.5006)

Have a look what the booklet for
XYZ(76.0892, 84.3447, 83.5006)
contains.

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Color

**XYZ(76.0972, 84.3544,
83.5054)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1F1E1 |
| RGB | 225, 241, 225 |
| RGB Percent | 88%, 95%, 88% |
| CMY | 0.1176, 0.0549, 0.1176 |
| CMYK | 0.07, 0.00, 0.07, 0.05 |
| HSL | 120°, 36%, 91% |
| HSV | 120°, 7%, 95% |
| XYZ | 76.0972, 84.3544, 83.5054 |
| YIQ | 234.3920, -4.4000, -8.3680 |

Conversions

Conversions Part 2

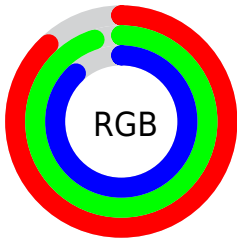
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 241, 241 |
| Decimal | 14807521 |
| CIE Lab | 93.60, -8.15, 5.90 |
| CIE LCh | 94, 10.065, 144.087 |
| Yxy | 84.3544, 0.3119, 0.3458 |
| Android (android.graphics.Color) | 4292997601 (0xFFE1F1E1) |
| YUV | 234.3920, -4.6303, -8.2368 |
| Hunter-Lab | 91.8447, -12.8333, 10.3846 |

Details

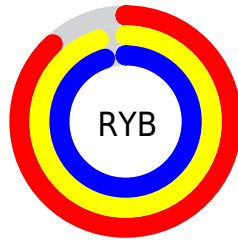
The XYZ color **76.0972, 84.3544, 83.5054** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0811, 78.9041, 94.2851**, and the grayscale version is **78.5421, 82.6324, 89.9867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1822, 46.1463, 44.7668** is the 20% darker color. If you saturate the color by 10%, you get **66.0487, 79.5301, 67.0675**, and if you desaturate by 10%, it is **87.6749, 89.9183, 102.4407**.

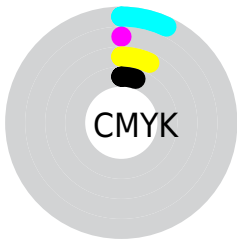
Distribution



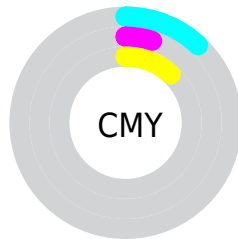
- Red (88%)
- Green (95%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0972, 84.3544, 83.5054 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 76.0972, 84.3544, 83.5054 by changing the saturation by 10% instead.

76.0972, 84.3544,
83.5054

76.0972, 84.3544,
83.5054

470.6196,
509.4894, 526.6844

56.8095, 63.3081,
62.0641

126.8439,
139.4708, 140.1386

41.0919, 46.0905,
44.6484

159.0337,
174.3097, 176.1677

28.5789, 32.3172,
30.8396

196.2549,
214.5149, 217.8965

18.9052, 21.6039,
20.2193

238.8729,
260.4708, 265.7434

11.7054, 13.5662,
12.3689

287.2530,
312.5618, 320.1272

6.6142, 7.8195,
6.8699

341.7606,

3.2662, 3.9797,

371.1723, 381.4662

3.3036

402.7610,
436.6867, 450.1791

■ 1.2960, 1.6622,
1.2517

■ 0.1802, 0.3990,
0.0217

■ 76.0972, 84.3544,
83.5054

■ 76.0972, 84.3544,
83.5054

■ 66.0487, 79.5301,
67.0675

■ 87.6749, 89.9183,
102.4407

■ 57.4590, 75.4040,
53.0175

■ 90.7470, 91.3939,
107.4657

■ 50.2624, 71.9471,
41.2461

■ 44.3855, 69.1241,
31.6334

■ 39.7482, 66.8966,
24.0482

■ 36.2618, 65.2219,
18.3454

■ 33.8257, 64.0518,
14.3607

■ 32.3222, 63.3295,
11.9012

■ 31.6027, 62.9839,
10.7241

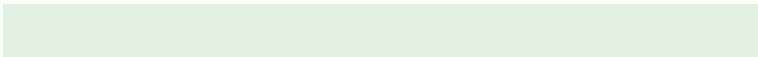
Harmonies

Analogous

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



78.1031, 84.3544, 79.0904



76.0972, 84.3544, 83.5054



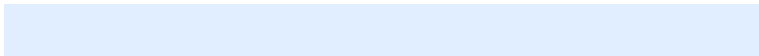
75.1864, 84.3544, 90.3440

Triad

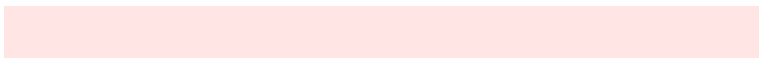
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0972, 84.3544, 83.5054



79.6496, 84.3544, 107.2326



84.9462, 84.3544, 85.9872

Complementary

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



76.0972, 84.3544, 83.5054



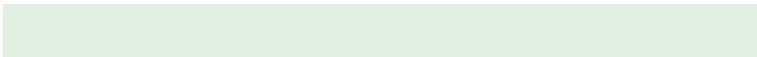
79.0811, 78.9041, 94.2851

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.



85.3823, 84.3544, 93.3678



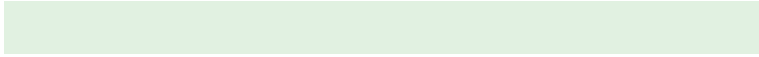
76.0972, 84.3544, 83.5054



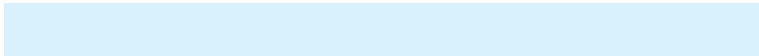
82.2860, 84.3544, 105.9078

Square

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



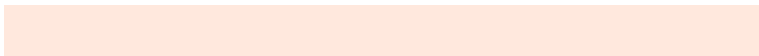
76.0972, 84.3544, 83.5054



77.2079, 84.3544, 104.2539



84.3987, 84.3544, 100.7277



83.2198, 84.3544, 80.4667

Rectangle

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



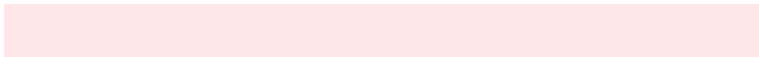
76.0972, 84.3544, 83.5054



75.3080, 84.3544, 95.4662



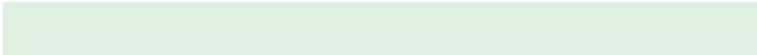
84.3987, 84.3544, 100.7277



85.2501, 84.3544, 88.3217

Sweetspot

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



76.0995, 84.3580, 83.5072



92.3882, 98.7214, 104.5462



81.3253, 87.0520, 83.7515



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



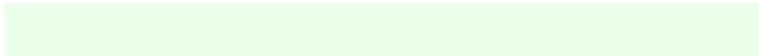
20.3446, 21.4041, 23.3091

Same Dimension

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



76.0995, 84.3580, 83.5072



84.8268, 95.0892, 92.1782



77.2172, 84.8051, 89.3926



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6860



1.4190, 2.8381, 0.4731

Inverse Universe

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



79.0811, 78.9041, 94.2851



88.8838, 87.6678, 106.8442



77.9116, 78.4363, 88.1267



16.4543, 16.0314, 19.9486



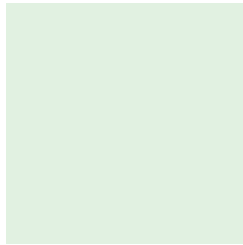
28.2808, 13.5848, 46.2568



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 76.0972, 84.3544, 83.5054 looks on a white background.

Color Contrast Check

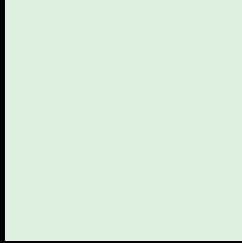
Large Text (above 18pt) WCAG AA × Fail

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 76.0972, 84.3544, 83.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

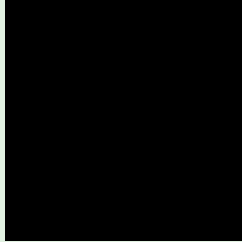
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

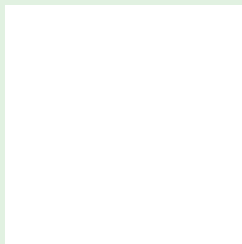
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0972, 84.3544, 83.5054

Background



This preview shows how black text looks on a background with the XYZ color 76.0972, 84.3544, 83.5054.



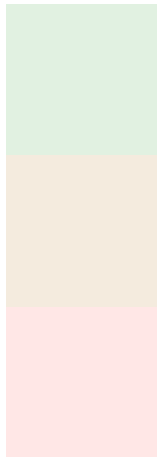
This preview shows how white text looks on a background with the XYZ color 76.0972, 84.3544,

83.5054.

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

76.0972, 84.3544, 83.5054

Protanopia

80.2014, 83.9237, 81.0791

Deuteranopia

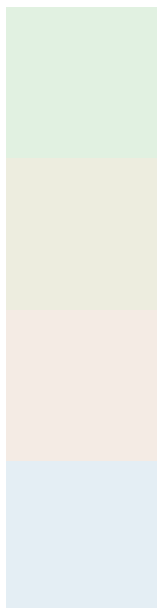
84.0988, 84.1250, 86.6682



Tritanopia

80.9673, 84.6114, 106.6719

Trichromacy



Original Color

76.0972, 84.3544, 83.5054

Protanomaly

78.5285, 83.9006, 81.8676

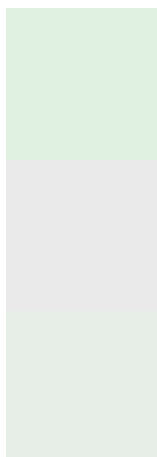
Deuteranomaly

81.0201, 84.2512, 85.3907

Tritanomaly

78.8986, 84.1747, 97.6769

Monochromacy



Original Color

76.0972, 84.3544, 83.5054

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.6630, 83.3268, 87.5917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0972, 84.3544, 83.5054 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(225, 241, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 225)  
}
```

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(225, 241, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 225) }
```

Border

The CSS property to change the border of an element to XYZ 76.0972, 84.3544, 83.5054 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(225, 241, 225) }
```


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

```
.border{ border-color:rgb(225, 241, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 241, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 241, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 241, 225); box-shadow:4px 4px 4px 4px rgb(225, 241, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0972, 84.3544, 83.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 225) }
```

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

```
.background{ background-color: rgb(225,  
241, 225) }
```

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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