

Converting Colors

XYZ(76.0384, 84.9676, 77.9301)

Have a look what the booklet for
XYZ(76.0384, 84.9676, 77.9301)
contains.

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Color

**XYZ(75.9551, 84.8449,
78.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F2D9
RGB	227, 242, 217
RGB Percent	89%, 95%, 85%
CMY	0.1098, 0.0510, 0.1490
CMYK	0.06, 0.00, 0.10, 0.05
HSL	96°, 49%, 90%
HSV	96°, 10%, 95%
XYZ	75.9551, 84.8449, 78.0191
YIQ	234.6650, -0.9150, -10.9550

Conversions

Conversions Part 2

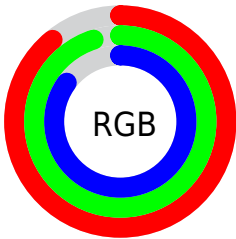
Format	Color
R_{YB}	217, 242, 232
Decimal	14938841
CIE _{Lab}	93.82, -9.35, 10.37
CIE _{LCh}	94, 13.966, 132.055
Yxy	84.8449, 0.3180, 0.3553
Android (android.graphics.Color)	4293128921 (0xFFE3F2D9)
YUV	234.6650, -8.7088, -6.7222
Hunter-Lab	92.1113, -14.0034, 14.2587

Details

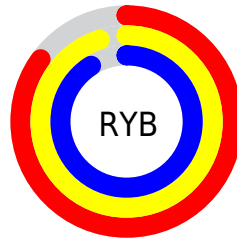
The XYZ color **75.9551, 84.8449, 78.0191** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.1219, 73.1946, 94.2301**, and the grayscale version is **78.7775, 82.8801, 90.2564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0938, 46.4971, 40.9914** is the 20% darker color. If you saturate the color by 10%, you get **68.6470, 81.4174, 62.4330**, and if you desaturate by 10%, it is **84.1159, 88.6636, 96.0581**.

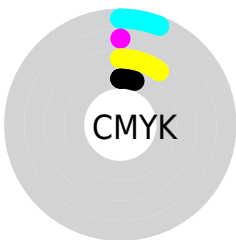
Distribution



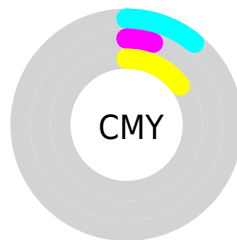
- Red (89%)
- Green (95%)
- Blue (85%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9551, 84.8449, 78.0191 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 75.9551, 84.8449, 78.0191 by changing the saturation by 10% instead.

75.9551, 84.8449,
78.0191

75.9551, 84.8449,
78.0191

470.1407,
511.1147, 507.7613

56.6926, 63.7132,
57.5731

126.6441,
140.1565, 132.3632

40.9977, 46.4185,
41.0531

158.8014,
175.1051, 167.0983

28.5049, 32.5762,
28.0406

195.9876,
215.4283, 207.4336

18.8490, 21.8020,
18.1170

238.5682,
261.5103, 253.7876

11.6646, 13.7114,
10.8637

286.9084,
313.7355, 306.5789

6.5863, 7.9202,
5.8622

341.3737,

3.2488, 4.0440,

372.4884, 366.2259

2.6941

402.3293,
438.1533, 433.1472

■ 1.2866, 1.6982,
0.9404

■ 0.1732, 0.4225,
0.0000

■ 75.9551, 84.8449,
78.0191

■ 75.9551, 84.8449,
78.0191

■ 68.6470, 81.4174,
62.4330

■ 84.1159, 88.6636,
96.0581

■ 62.1552, 78.3571,
49.1884

■ 91.0438, 91.9876,
107.5646

■ 56.4505, 75.6541,
38.1737

■ 51.4995, 73.2938,
29.2657

■ 47.2659, 71.2605,
22.3296

■ 43.7099, 69.5368,
17.2147

■ 40.7871, 68.1037,
13.7486

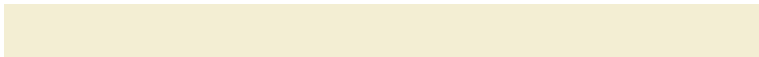
■ 38.4458, 66.9391,
11.7259

■ 36.6605, 66.0371,
10.8142

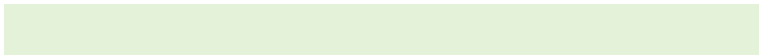
Harmonies

Analogous

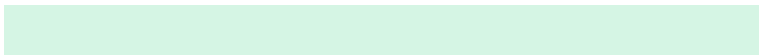
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1610, 84.8449, 73.7973



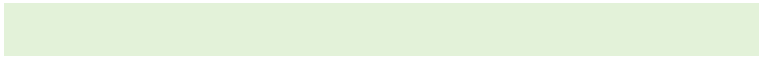
75.9551, 84.8449, 78.0191



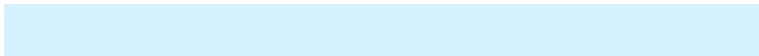
74.0406, 84.8449, 86.2252

Triad

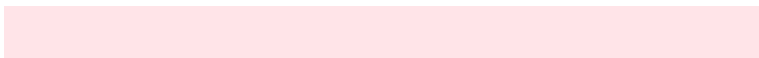
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9551, 84.8449, 78.0191



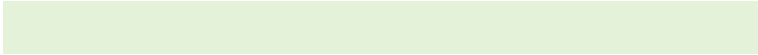
78.4632, 84.8449, 113.2264



87.8264, 84.8449, 88.1777

Complementary

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



75.9551, 84.8449, 78.0191



74.1219, 73.1946, 94.2301

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.



87.6256, 84.8449, 98.8244



75.9551, 84.8449, 78.0191



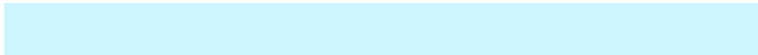
82.1425, 84.8449, 113.8502

Square

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



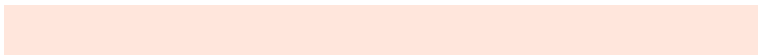
75.9551, 84.8449, 78.0191



75.4578, 84.8449, 106.7627



85.5190, 84.8449, 108.4069



86.0595, 84.8449, 79.3538

Rectangle

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



75.9551, 84.8449, 78.0191



73.7174, 84.8449, 93.1166



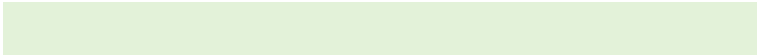
85.5190, 84.8449, 108.4069



87.9883, 84.8449, 91.6506

Sweetspot

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



75.9574, 84.8486, 78.0209



92.1738, 98.6567, 102.4637



78.0023, 81.6036, 77.2868



19.5677, 21.0412, 21.5726



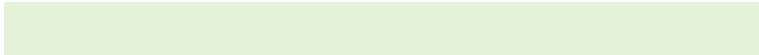
0.0000, 0.0000, 0.0000



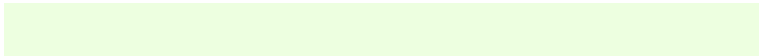
20.3446, 21.4041, 23.3091

Same Dimension

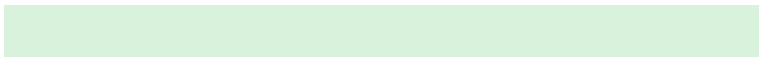
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9574, 84.8486, 78.0209



84.0730, 94.8658, 84.6856



73.2220, 83.4006, 79.6037



16.1642, 17.9648, 16.7653



19.8375, 35.5482, 5.8159



1.7596, 3.0136, 0.4889

Inverse Universe

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



74.1219, 73.1946, 94.2301



81.6935, 79.7590, 105.6971



77.0880, 74.7668, 92.4217



15.8071, 15.6978, 19.9185



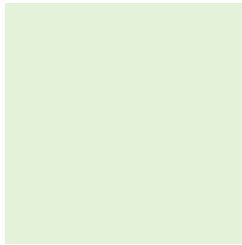
15.0620, 6.7701, 45.6408



1.3649, 0.6209, 3.8021

Previews

White Background



This preview shows how the XYZ color 75.9551, 84.8449, 78.0191 looks on a white background.

Color Contrast Check

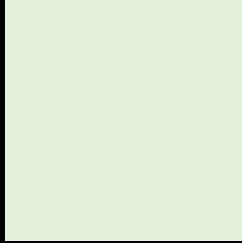
Large Text (above 18pt) WCAG AA × Fail

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 75.9551, 84.8449, 78.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

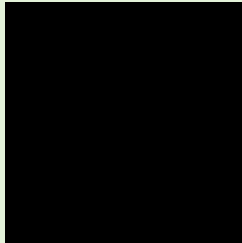
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

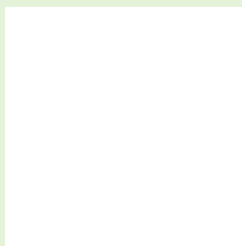
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9551, 84.8449, 78.0191

Background



This preview shows how black text looks on a background with the XYZ color 75.9551, 84.8449, 78.0191.

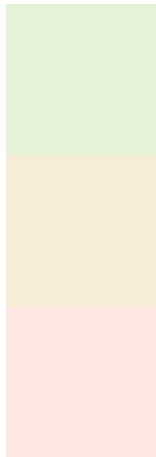


This preview shows how white text looks on a background with the XYZ color 75.9551, 84.8449,

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

75.9551, 84.8449, 78.0191

Protanopia

80.4908, 84.6201, 75.7093

Deuteranopia

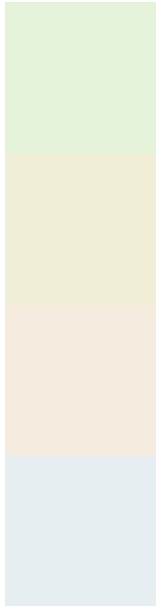
83.9617, 84.5193, 84.5616



Tritanopia

81.6497, 84.5345, 106.6211

Trichromacy



Original Color

75.9551, 84.8449, 78.0191

Protanomaly

78.7755, 84.5806, 76.4638

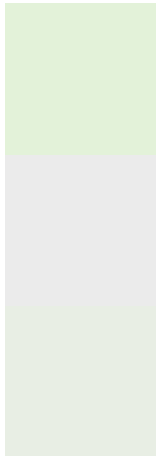
Deuteranomaly

80.9709, 84.7311, 81.8991

Tritanomaly

79.4067, 84.4889, 95.3419

Monochromacy



Original Color

75.9551, 84.8449, 78.0191

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.8568, 83.9063, 85.4908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9551, 84.8449, 78.0191 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(227, 242, 217) looks like.

```
.text, #text, p{  
    color:rgb(227, 242, 217)  
}
```

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(227, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 242, 217) }
```

Border

The CSS property to change the border of an element to XYZ 75.9551, 84.8449, 78.0191 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(227, 242, 217) }
```


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

```
.border{ border-color:rgb(227, 242, 217) }
```

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

Here you see how a box with a 4 pixel rgb(227, 242, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 242,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9551, 84.8449, 78.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 242, 217) }
```

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

```
.background{ background-color: rgb(227,  
242, 217) }
```

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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