

Converting Colors

XYZ(82.5648, 91.9307, 90.7491)

Have a look what the booklet for
XYZ(82.5648, 91.9307, 90.7491)
contains.

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Color

**XYZ(82.4839, 92.0334,
90.5076)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FBE9
RGB	232, 251, 233
RGB Percent	91%, 98%, 91%
CMY	0.0902, 0.0157, 0.0863
CMYK	0.08, 0.00, 0.07, 0.02
HSL	123°, 70%, 95%
HSV	123°, 8%, 98%
XYZ	82.4839, 92.0334, 90.5076
YIQ	243.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

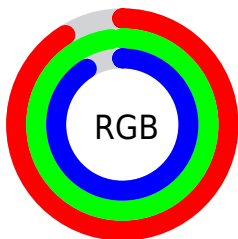
Format	Color
R_{YB}	232, 250, 251
Decimal	15268841
CIE _{Lab}	96.83, -9.43, 6.49
CIE _{LCh}	97, 11.450, 145.460
Y _{xy}	92.0334, 0.3112, 0.3473
Android (android.graphics.Color)	4293458921 (0xFFE8FBE9)
YUV	243.2670, -5.0616, -9.8812
Hunter-Lab	95.9340, -14.4106, 11.2175

Details

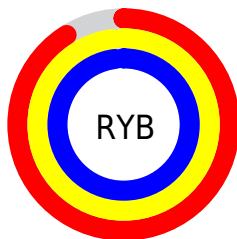
The XYZ color **82.4839, 92.0334, 90.5076** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8990, 85.1269, 102.3509**, and the grayscale version is **85.4484, 89.8984, 97.8994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1321, 50.9880, 49.0579** is the 20% darker color. If you saturate the color by 10%, you get **71.7396, 86.8636, 73.4512**, and if you desaturate by 10%, it is **93.7890, 97.4780, 108.4797**.

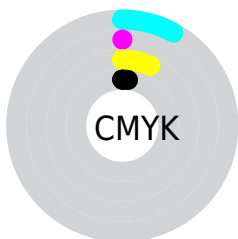
Distribution



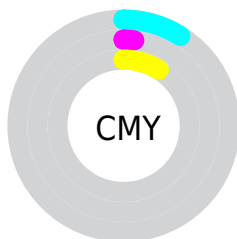
- Red (91%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4839, 92.0334, 90.5076 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 82.4839, 92.0334, 90.5076 by changing the saturation by 10% instead.


 82.4839, 92.0334,
90.5076

 82.4839, 92.0334,
90.5076


491.8749,
534.6235, 550.2933

 62.0799, 69.6684,
67.8256


135.7847,
150.1597, 149.9849

 45.3531, 51.2562,
49.2901

169.4122,
186.6897, 187.6174

 31.9381, 36.4126,
34.4824


208.1783,
228.7102, 231.0705

 21.4696, 24.7530,
22.9841

252.4483,
276.6056, 280.7626

 13.5821, 15.8931,
14.3766

302.5877,
330.7602, 337.1125

 7.9103, 9.4486,
8.2413

358.9616,

 4.0889, 5.0349,

391.5584, 400.5385

4.1598

421.9356,
459.3847, 471.4593

■ 1.7526, 2.2678,
1.7134

■ 0.4888, 0.7566,
0.3699

■ 82.4839, 92.0334,
90.5076

■ 82.4839, 92.0334,
90.5076

■ 71.7396, 86.8636,
73.4512

■ 93.7890, 97.4780,
108.4797

■ 62.5471, 82.4403,
58.7603

■ 54.8368, 78.7326,
46.3323

■ 48.5312, 75.7029,
36.0548

■ 43.5455, 73.3101,
27.8058

■ 39.7859, 71.5087,
21.4511

■ 37.1461, 70.2471,
16.8401

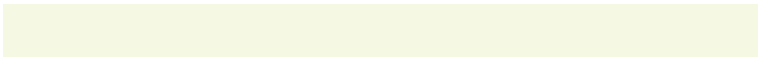
■ 35.5018, 69.4650,
13.8000

■ 34.6927, 69.0843,
12.1216

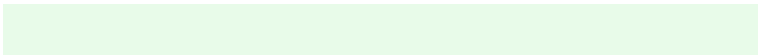
Harmonies

Analogous

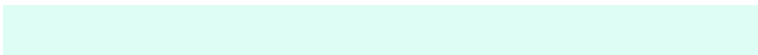
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8459, 92.0334, 85.0671



82.4839, 92.0334, 90.5076



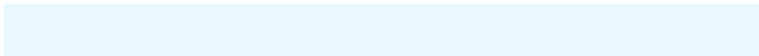
81.4596, 92.0334, 98.8146

Triad

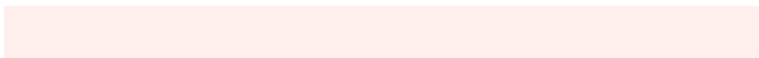
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4839, 92.0334, 90.5076



86.9868, 92.0334, 118.9022



93.1726, 92.0334, 92.7934

Complementary

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



82.4839, 92.0334, 90.5076



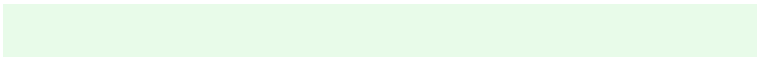
85.8990, 85.1269, 102.3509

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.



93.7795, 92.0334, 101.6159



82.4839, 92.0334, 90.5076



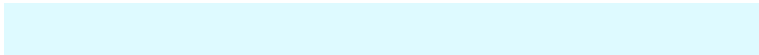
90.1578, 92.0334, 117.0483

Square

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



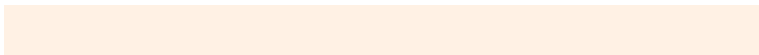
82.4839, 92.0334, 90.5076



84.0186, 92.0334, 115.5017



92.6635, 92.0334, 110.5794



91.0249, 92.0334, 86.3290

Rectangle

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



82.4839, 92.0334, 90.5076



81.6544, 92.0334, 104.9996



92.6635, 92.0334, 110.5794



93.5658, 92.0334, 95.5659

Sweetspot

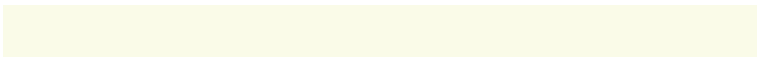
The Sweet Spot groups the original color and five complimentary colors.



82.4865, 92.0373, 90.5096



92.4303, 98.7382, 104.7678



88.5090, 95.1585, 90.0476



19.8113, 21.1473, 22.4679



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.



82.4865, 92.0373, 90.5096



83.7998, 94.5821, 91.1235



83.8735, 92.5922, 97.8137



17.0544, 19.3240, 18.4871



18.1875, 36.2880, 6.3309



1.6971, 3.3659, 0.6527

Inverse Universe

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



85.8990, 85.1269, 102.3509



87.9668, 86.1438, 105.5826



84.4534, 84.5487, 94.7382



17.9513, 17.5079, 21.5991



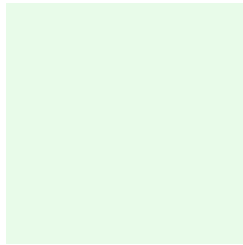
29.0252, 14.0258, 43.7028



2.7000, 1.3037, 4.1095

Previews

White Background



This preview shows how the XYZ color 82.4839, 92.0334, 90.5076 looks on a white background.

Color Contrast Check

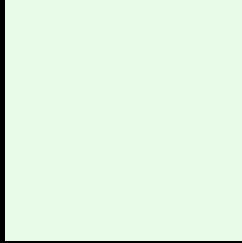
Large Text (above 18pt) WCAG AA × Fail

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 82.4839, 92.0334, 90.5076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

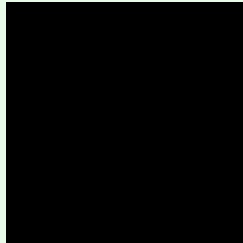
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

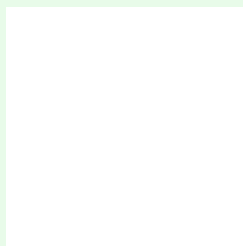
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4839, 92.0334, 90.5076

Background



This preview shows how black text looks on a background with the XYZ color 82.4839, 92.0334, 90.5076.



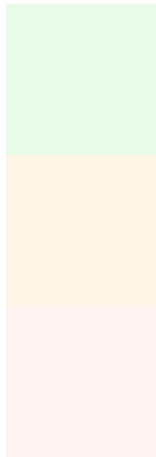
This preview shows how white text looks on a background with the XYZ color 82.4839, 92.0334,

90.5076.

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

82.4839, 92.0334, 90.5076

Protanopia

87.8084, 92.0888, 88.0098

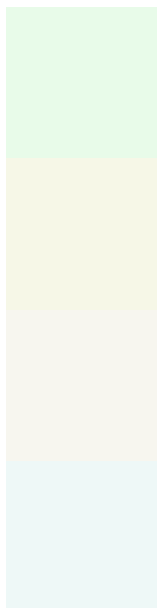
Deuteranopia

89.3176, 91.7720, 97.0106

Tritanopia

87.6237, 92.0088, 107.7489

Trichromacy



Original Color

82.4839, 92.0334, 90.5076

Protanomaly

85.6906, 91.8839, 88.8203

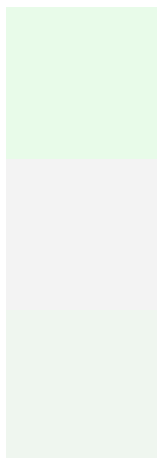
Deuteranomaly

86.8935, 91.9177, 94.8235

Tritanomaly

85.6158, 92.0273, 101.2463

Monochromacy



Original Color

82.4839, 92.0334, 90.5076

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.1324, 90.4943, 94.6942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4839, 92.0334, 90.5076 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(232, 251, 233)` looks like.

```
.text, #text, p{  
    color:rgb(232, 251, 233)  
}
```

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(232, 251, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 251, 233) }
```

Border

The CSS property to change the border of an element to XYZ 82.4839, 92.0334, 90.5076 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(232, 251, 233) }
```


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

```
.border{ border-color:rgb(232, 251, 233) }
```

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

Here you see how a box with a 4 pixel rgb(232, 251, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 251, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 251, 233);  
box-shadow:4px 4px 4px 4px rgb(232, 251,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4839, 92.0334, 90.5076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 251, 233) }
```

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

```
.background{ background-color: rgb(232,  
251, 233) }
```

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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