

Converting Colors

XYZ(84.1012, 93.8823, 92.5996)

Have a look what the booklet for
XYZ(84.1012, 93.8823, 92.5996)
contains.

XYZ(84.0524, 93.7411, 92.2611)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.0524, 93.7411,
92.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFDEB
RGB	234, 253, 235
RGB Percent	92%, 99%, 92%
CMY	0.0823, 0.0078, 0.0784
CMYK	0.08, 0.00, 0.07, 0.01
HSL	123°, 83%, 95%
HSV	123°, 8%, 99%
XYZ	84.0524, 93.7411, 92.2611
YIQ	245.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

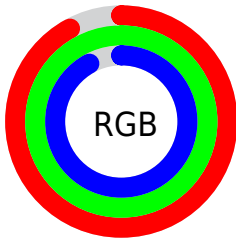
Format	Color
RYB	234, 252, 253
Decimal	15400427
CIELab	97.53, -9.42, 6.48
CIELCh	98, 11.432, 145.463
Yxy	93.7411, 0.3112, 0.3471
Android (android.graphics.Color)	4293590507 (0xFFEAFDEB)
YUV	245.2670, -5.0616, -9.8812
Hunter-Lab	96.8200, -14.4737, 11.2757

Details

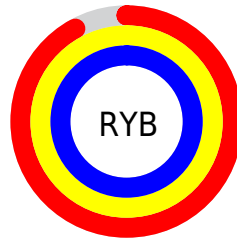
The XYZ color **84.0524, 93.7411, 92.2611** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5050, 86.7590, 104.2342**, and the grayscale version is **87.0509, 91.5843, 99.7353**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2367, 52.1995, 50.2864** is the 20% darker color. If you saturate the color by 10%, you get **73.0991, 88.4707, 74.8734**, and if you desaturate by 10%, it is **94.4171, 98.7341, 108.6890**.

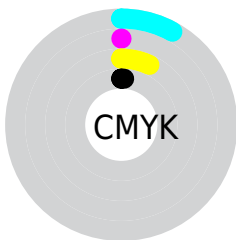
Distribution



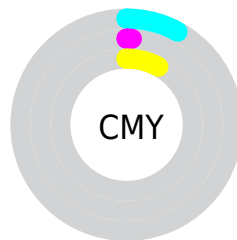
- Red (92%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)





- Cyan (8%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0524, 93.7411, 92.2611 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 84.0524, 93.7411, 92.2611 by changing the saturation by 10% instead.


 84.0524, 93.7411,
92.2611

 84.0524, 93.7411,
92.2611


497.0183,
540.1269, 556.1178

 63.3786, 71.0876,
69.2733


137.9694,
152.5242, 152.4381

 46.4073, 52.4137,
50.4612


171.9432,
189.4227, 190.4643

 32.7733, 37.3349,
35.4062


211.0810,
231.8383, 234.3403

 22.1113, 25.4669,
23.6899

255.7483,
280.1554, 284.4848

 14.0557, 16.4253,
14.8937

306.3103,
334.7584, 341.3163

 8.2414, 9.8256,
8.5990

363.1324,

 4.3029, 5.2835,

396.0317, 405.2532

4.3873

426.5799,
464.3597, 476.7142

■ 1.8749, 2.4145,
1.8402

■ 0.5622, 0.8333,
0.4542

■ 84.0524, 93.7411,
92.2611

■ 84.0524, 93.7411,
92.2611

■ 73.0991, 88.4707,
74.8734

94.4171, 98.7341,
108.6890

■ 63.7274, 83.9612,
59.8969

■ 55.8667, 80.1811,
47.2269

■ 49.4377, 77.0921,
36.7489

■ 44.3542, 74.6523,
28.3386

■ 40.5204, 72.8154,
21.8591

■ 37.8283, 71.5288,
17.1573

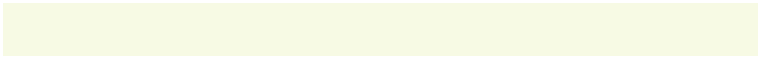
■ 36.1509, 70.7310,
14.0567

■ 35.3258, 70.3427,
12.3444

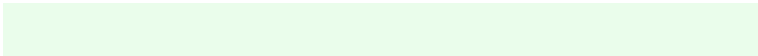
Harmonies

Analogous

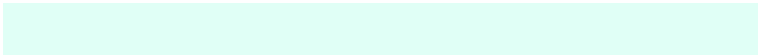
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4402, 93.7411, 86.7578



84.0524, 93.7411, 92.2611



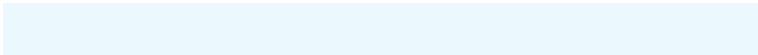
83.0169, 93.7411, 100.6601

Triad

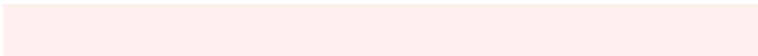
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.0524, 93.7411, 92.2611



88.6051, 93.7411, 120.9543



94.8558, 93.7411, 94.5706

Complementary

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



84.0524, 93.7411, 92.2611



87.5050, 86.7590, 104.2342

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.



95.4692, 93.7411, 103.4892



84.0524, 93.7411, 92.2611



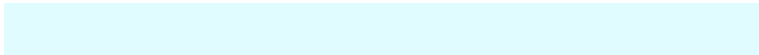
91.8099, 93.7411, 119.0813

Square

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



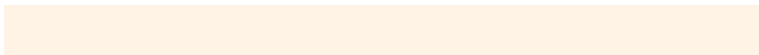
84.0524, 93.7411, 92.2611



85.6045, 93.7411, 117.5205



94.3418, 93.7411, 112.5466



92.6855, 93.7411, 88.0333

Rectangle

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



84.0524, 93.7411, 92.2611



83.2141, 93.7411, 106.9110



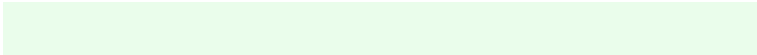
94.3418, 93.7411, 112.5466



95.2532, 93.7411, 97.3737

Sweetspot

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



84.0550, 93.7451, 92.2632



92.4303, 98.7382, 104.7678



90.1436, 96.9005, 91.7959



19.8113, 21.1473, 22.4679



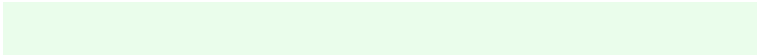
0.0000, 0.0000, 0.0000



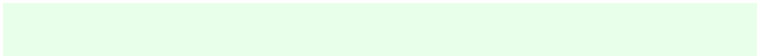
20.3446, 21.4041, 23.3091

Same Dimension

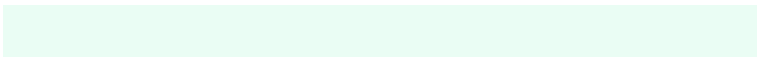
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0550, 93.7451, 92.2632



83.7998, 94.5821, 91.1235



85.4575, 94.3061, 99.6485



17.8103, 20.1837, 19.3041



18.7405, 37.3928, 6.5188



1.8377, 3.6460, 0.7032

Inverse Universe

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



87.5050, 86.7590, 104.2342



87.9668, 86.1438, 105.5826



86.0437, 86.1745, 96.5393



18.7489, 18.2829, 22.5611



29.9083, 14.4526, 45.0290



2.9242, 1.4121, 4.4484

Previews

White Background



This preview shows how the XYZ color 84.0524, 93.7411, 92.2611 looks on a white background.

Color Contrast Check

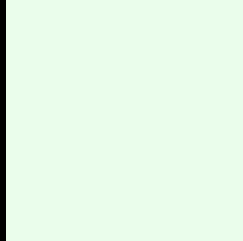
Large Text (above 18pt) WCAG AA × Fail

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 84.0524, 93.7411, 92.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

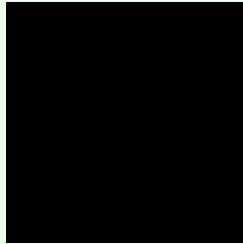
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

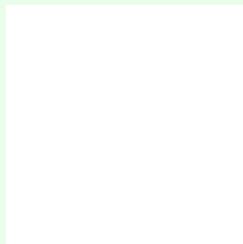
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0524, 93.7411, 92.2611

Background



This preview shows how black text looks on a background with the XYZ color 84.0524, 93.7411, 92.2611.



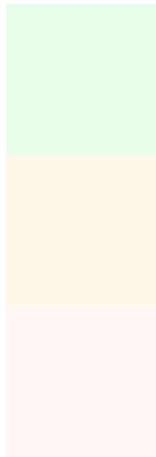
This preview shows how white text looks on a background with the XYZ color 84.0524, 93.7411, 92.2611.

92.2611.

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

84.0524, 93.7411, 92.2611

Protanopia

89.2087, 93.6647, 90.4681

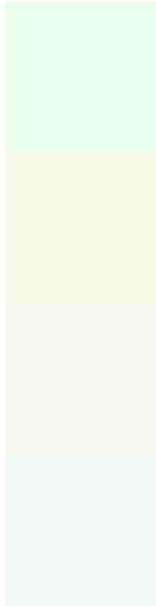
Deuteranopia

90.6772, 93.7641, 99.7053

Tritanopia

89.2736, 93.7673, 108.0014

Trichromacy



Original Color

84.0524, 93.7411, 92.2611

Protanomaly

87.0847, 93.4660, 91.2928

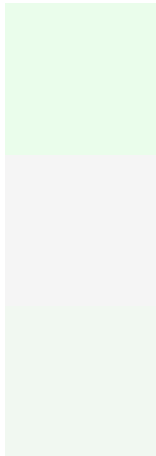
Deuteranomaly

88.1106, 93.8764, 96.6951

Tritanomaly

87.4045, 93.8493, 102.3150

Monochromacy



Original Color

84.0524, 93.7411, 92.2611

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.7202, 92.1864, 96.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0524, 93.7411, 92.2611 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(234, 253, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 253, 235)  
}
```

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(234, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 253, 235) }
```

Border

The CSS property to change the border of an element to XYZ 84.0524, 93.7411, 92.2611 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(234, 253, 235) }
```


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

```
.border{ border-color:rgb(234, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 253,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0524, 93.7411, 92.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 253, 235) }
```

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

```
.background{ background-color: rgb(234,  
253, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor