

Converting Colors

XYZ(82.6165, 93.2434, 77.9815)

Have a look what the booklet for
XYZ(82.6165, 93.2434, 77.9815)
contains.

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Color

**XYZ(82.6509, 93.3340,
77.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFDD7
RGB	238, 253, 215
RGB Percent	93%, 99%, 84%
CMY	0.0667, 0.0078, 0.1569
CMYK	0.06, 0.00, 0.15, 0.01
HSL	84°, 91%, 92%
HSV	84°, 15%, 99%
XYZ	82.6509, 93.3340, 77.9491
YIQ	244.1830, 3.2580, -14.9980

Conversions

Conversions Part 2

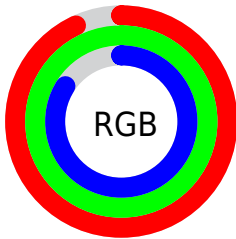
Format	Color
R_{YB}	215, 253, 230
Decimal	15662551
CIE _{Lab}	97.36, -11.39, 16.54
CIE _{LCh}	97, 20.081, 124.556
Yxy	93.3340, 0.3255, 0.3676
Android (android.graphics.Color)	4293852631 (0xFFEEFFDD7)
YUV	244.1830, -14.3872, -5.4225
Hunter-Lab	96.6095, -16.3572, 19.7887

Details

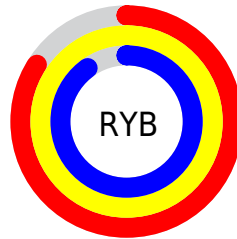
The XYZ color **82.6509, 93.3340, 77.9491** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.6669, 72.5183, 102.9956**, and the grayscale version is **86.2475, 90.7390, 98.8148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3765, 51.9630, 40.8960** is the 20% darker color. If you saturate the color by 10%, you get **76.3874, 90.4549, 61.9778**, and if you desaturate by 10%, it is **89.6083, 96.5183, 96.5810**.

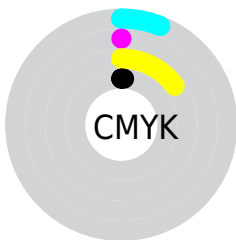
Distribution



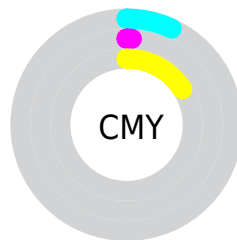
- Red (93%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6509, 93.3340, 77.9491 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 82.6509, 93.3340, 77.9491 by changing the saturation by 10% instead.


 82.6509, 93.3340,
77.9491

 82.6509, 93.3340,
77.9491


492.4239,
538.8176, 507.5173

 62.2181, 70.7491,
57.5160

136.0175,
151.9609, 132.2636

 45.4652, 52.1375,
41.0075


169.6820,
188.7718, 166.9820

 32.0269, 37.1147,
28.0052


208.4878,
231.0935, 207.2993

 21.5377, 25.2963,
18.0905

252.8003,
279.3104, 253.6340

 13.6323, 16.2979,
10.8449

302.9848,
333.8068, 306.4045

 7.9453, 9.7352,
5.8498

359.4066,

 4.1115, 5.2238,

394.9672, 366.0296

2.6866

422.4312,
463.1760, 432.9277

■ 1.7654, 2.3791,
0.9367

■ 0.4967, 0.8151,
0.0000

■ 82.6509, 93.3340,
77.9491

■ 82.6509, 93.3340,
77.9491

■ 76.3874, 90.4549,
61.9778

■ 89.6083, 96.5183,
96.5810

■ 70.7844, 87.8580,
48.5396

■ 94.4172, 98.7343,
108.6891

■ 65.8164, 85.5360,
37.5057

■ 61.4532, 83.4764,
28.7335

■ 57.6617, 81.6655,
22.0652

■ 54.4049, 80.0881,
17.3229

■ 51.6399, 78.7267,
14.2992

■ 49.3147, 77.5602,
12.7388

■ 48.2852, 77.0376,
12.3248

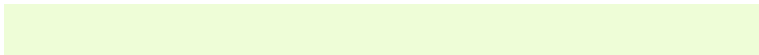
Harmonies

Analogous

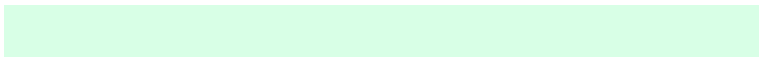
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8452, 93.3340, 73.4892



82.6509, 93.3340, 77.9491



79.1968, 93.3340, 88.7528

Triad

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



82.6509, 93.3340, 77.9491



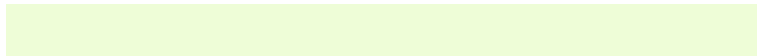
84.0947, 93.3340, 132.6155



100.0666, 93.3340, 99.1569

Complementary

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



82.6509, 93.3340, 77.9491



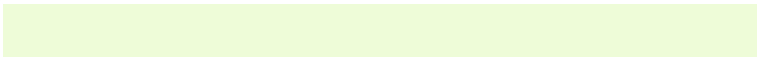
74.6669, 72.5183, 102.9956

Split Complementary

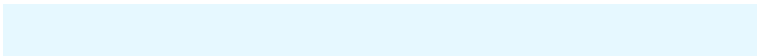
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9586, 93.3340, 115.6849



82.6509, 93.3340, 77.9491



89.5828, 93.3340, 136.1564

Square

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



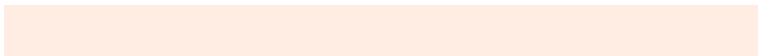
82.6509, 93.3340, 77.9491



80.0050, 93.3340, 120.4475



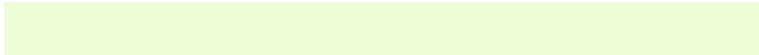
95.0607, 93.3340, 129.6663



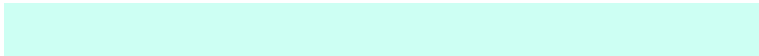
98.0270, 93.3340, 84.8731

Rectangle

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



82.6509, 93.3340, 77.9491



78.2626, 93.3340, 98.6821



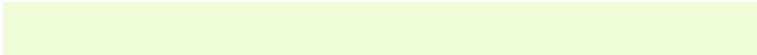
95.0607, 93.3340, 129.6663



100.0506, 93.3340, 104.6255

Sweetspot

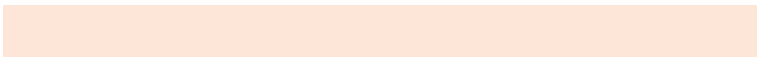
The Sweet Spot groups the original color and five complimentary colors.



82.6534, 93.3381, 77.9511



91.2367, 98.2635, 98.3595



80.9536, 82.1449, 75.8802



19.4168, 20.9816, 20.7481



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

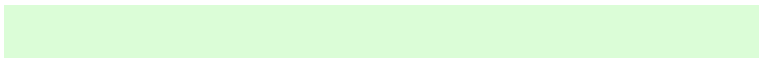
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6534, 93.3381, 77.9511



82.1651, 94.1118, 74.2214



76.7379, 90.2885, 77.6743



18.8264, 20.7120, 19.1499



25.8532, 41.0659, 6.5639



2.6402, 4.0618, 0.6449

Inverse Universe

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



74.6669, 72.5183, 102.9956



72.6238, 69.2371, 104.1442



80.9461, 75.7554, 103.2894



17.6815, 17.7275, 22.7398



12.3733, 5.2891, 49.8033



1.3234, 0.5762, 4.8547

Previews

White Background



This preview shows how the XYZ color 82.6509, 93.3340, 77.9491 looks on a white background.

Color Contrast Check

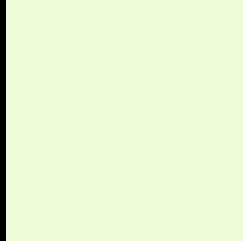
Large Text (above 18pt) WCAG AA × Fail

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 82.6509, 93.3340, 77.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

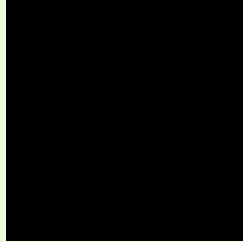
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

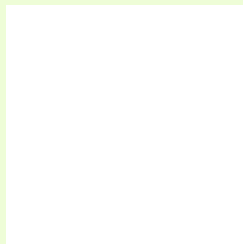
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6509, 93.3340, 77.9491

Background



This preview shows how black text looks on a background with the XYZ color 82.6509, 93.3340, 77.9491.



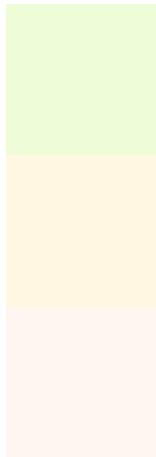
This preview shows how white text looks on a background with the XYZ color 82.6509, 93.3340,

77.9491.

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

82.6509, 93.3340, 77.9491

Protanopia

88.2282, 93.2725, 85.3048

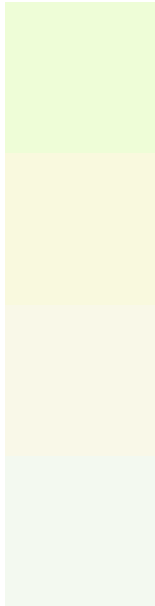
Deuteranopia

89.7696, 92.9157, 96.4222

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

82.6509, 93.3340, 77.9491

Protanomaly

86.1274, 93.1650, 82.5505

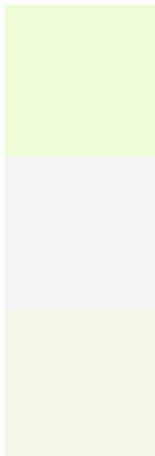
Deuteranomaly

87.1998, 93.1007, 89.7182

Tritanomaly

86.5660, 93.0973, 95.8451

Monochromacy



Original Color

82.6509, 93.3340, 77.9491

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.5867, 91.2820, 90.2518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6509, 93.3340, 77.9491 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(238, 253, 215)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 215)  
}
```

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(238, 253, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 215) }
```

Border

The CSS property to change the border of an element to XYZ 82.6509, 93.3340, 77.9491 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(238, 253, 215) }
```


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

```
.border{ border-color:rgb(238, 253, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 253, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 215);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6509, 93.3340, 77.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 215) }
```

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

```
.background{ background-color: rgb(238,  
253, 215) }
```

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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